

# ANNUAL REPORT

## 1984-85

The logo for the Province of Alberta, featuring the word "Alberta" in a stylized, italicized font where the letters "A" and "b" are connected.

PUBLIC WORKS, SUPPLY AND SERVICES



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# ANNUAL REPORT 1984-85

**Alberta**  
PUBLIC WORKS, SUPPLY AND SERVICES



# Alberta



PUBLIC WORKS, SUPPLY  
AND SERVICES

208 Legislature Building, Edmonton, Alberta, Canada T5K 2B6 403/427-3666

Office of the Minister

March 1986

The Honourable Helen Hunley  
Lieutenant-Governor of the Province of Alberta  
3rd Floor, Legislature Building  
1 Legislature Grounds  
Edmonton, Alberta  
T5K 2B6

Your Honour:

The undersigned has the honour to submit the Annual Report of Alberta Public Works, Supply and Services for the fiscal year ending March 31, 1985.

Respectfully submitted,

Tom Chambers, P.Eng.

Attach.



# Alberta

PUBLIC WORKS, SUPPLY  
AND SERVICES

6950 - 113th Street, Edmonton, Alberta, Canada T6H 5V7 403/427-3921

Office of the Deputy Minister

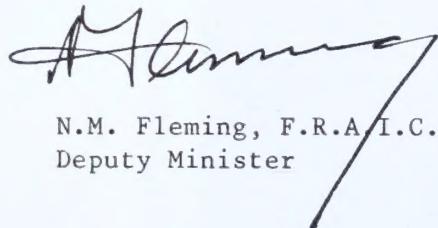
March 1986

Honourable T.W. Chambers, P.Eng.  
Minister, Public Works, Supply and Services  
208 Legislature Building  
Edmonton, Alberta  
T5K 2B6

Sir:

I have the honour to submit the Annual Report of Alberta Public Works, Supply and Services for the fiscal year ending March 31, 1985.

Respectfully submitted,



N.M. Fleming, F.R.A.I.C.  
Deputy Minister

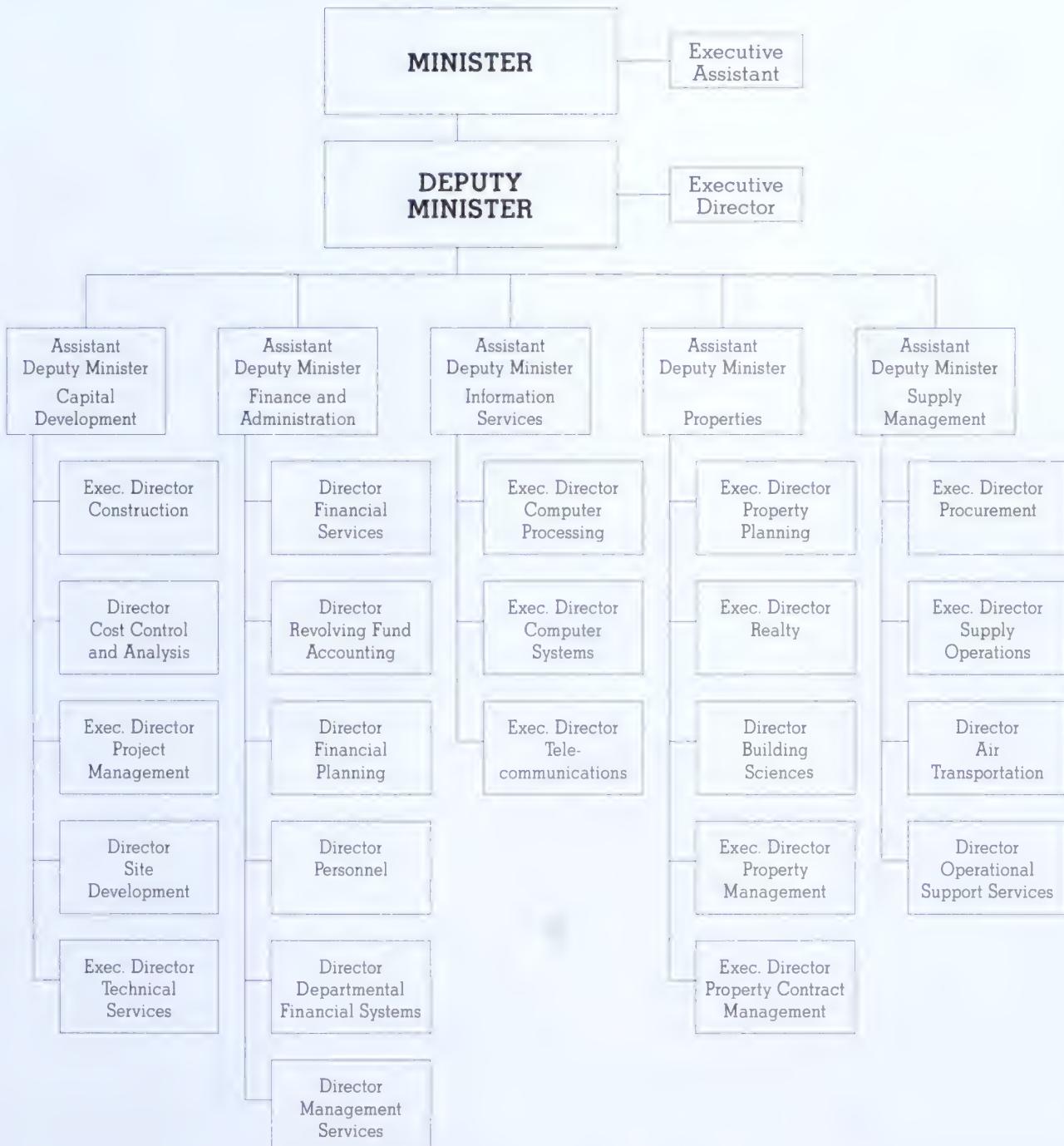
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# HISTORICAL PERSPECTIVES

**1906** • Department of Public Works created.

**1912** • Local Improvement Act transferred to Department of Municipal Affairs.

- Telephone Branch transferred to Department of Railways and Telephones.

**1916** • Provincial Institutions transferred from the Provincial Secretary.

**1920** • Coal Mines transferred to the Provincial Secretary.

**1922** • Administration of Drainage Districts transferred to Department of Railways and Telephones.

- Government Employment Bureau operated jointly by the provincial and federal governments transferred from the Provincial Secretary to Department of Public Works. In 1935 it transferred to Department of Trade and Industry.
- A Commissioner of Labour appointed to administer the Boilers Act.

**1927** • Public Works administered the Public Vehicles Act.

**1935** • Administration of the Boilers Act transferred to Department of Trade and Industry.

**1936** • Public Service Vehicles Act administered by the Highway Traffic Board.

**1937** • Boilers Act again transferred to Public Works.

**1948** • Provincial Institutions transferred from Public Works to Attorney General's Department.

**1951** • Highway construction became a responsibility of the newly created Department of Highways.

- Public Service Vehicles Act transferred to Department of Highways.
- Surveys and construction and maintenance of bridges transferred to Department of Highways.

**1953** • Boilers Act transferred to Department of Industries and Labour.

**1967** • Design and construction of university buildings transferred to Boards of Governors.

- Maintenance of three agricultural and vocational colleges, located at Olds, Vermilion and Fairview, transferred from Agriculture to Public Works.

**1968** • Rental of government-owned residences located at mental institutions and gaols transferred to Alberta Housing and Urban Renewal Corporation.

**1969** • Grants program to municipalities for construction of swimming pools transferred to Department of Youth

**1975** • Operating and Maintenance Division transferred to new Department of Government Services.

- Housing responsibilities added to create new Department of Housing and Public Works.

**1982** • Housing responsibilities transferred to a new Department of Housing.

- Public Works responsibilities amalgamated with those of the Department of Government Services to form a new Department of Public Works, Supply and Services.

**1983** • Translation Services transferred from Department of Culture to Public Works, Supply and Services.

- Land Assembly transferred from Department of Environment to Public Works, Supply and Services.

**1984** • Design and construction of Alberta Hospital, Edmonton and Ponoka, transferred to individual boards.

**1985** • Metric Conversion Branch phased out and responsibilities transferred to departments.

## RELEVANT STATUTES:

The Architects Act

The Engineering Geological and Geophysical Professions Act

The Crown Property Municipalities Grants Act

The Public Works Act administered jointly with the Minister of Transportation

The Public Works, Supply and Services Act

# CAPITAL DEVELOPMENT

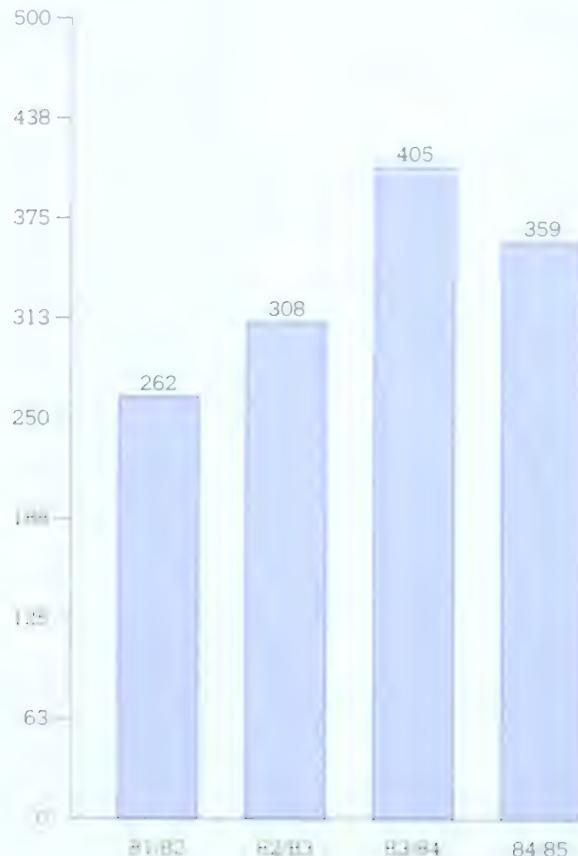
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## Capital Development

Capital Development is responsible for all capital projects under the Vote 4 (Planning and Implementation of Construction Projects) Program, and oversees the planning, design and construction of facilities for government departments and agencies. The organization consists of the Assistant Deputy Minister's Office, Construction Division, Cost Control and Analysis Division, Project Management Division, Site Development Division and Technical Services Division.

Capital Development utilizes private consultants and contractors to carry out the work required for all phases of a specific project. During the 1984-85 fiscal year, 219 prime and subconsultants were commissioned, 359 construction contracts awarded and 273 construction projects were completed. A cash flow of \$145,013,500 was expended against Vote 4 projects. An additional \$8,700,777 was spent on projects which fell outside the jurisdiction of Vote 4. These included the development of special-purpose leased space, outlets for the Alberta Liquor Control Board, Treasury Branches, projects for the Alberta Heritage Savings Trust Fund and the Workers' Compensation Board. Total estimated costs for all the projects, new and carry over, are \$688,819,000.

**Figure 1**  
Vote 4 Projects Tendered  
by Capital Development



## Construction Division

During the 1984-85 fiscal year, the *Construction Division* provided contract management on 365 capital construction projects throughout the province, with a total value of \$583 million.

The division was responsible for initiating construction starts, controlling costs, monitoring the quality of construction and construction schedules. The division was also responsible for providing input on scheduling during the design stage, and providing construction management services on large-scale, multi-year, phased projects.

In addition, the division received and administered 258 claims totalling \$3,955,196 which were filed under Section 14 of the Public Works Act.

In the area of materials testing, 58 commissions were awarded to consultants and \$431,000 was expended. A list of consultants commissioned is provided in Appendix 1.

Appendix 2 lists the 231 projects that were awarded during the 1984-85 fiscal year. They had a tendered value of \$65 million.

Interim acceptance was granted on 163 projects during 1984-85; these are listed in Appendix 3. A number were multi-year projects awarded in previous fiscal years.

## Cost Control and Analysis Division

The *Cost Control and Analysis Division* is composed of a Cost Planning and Value Engineering Branch and a Statistics and Administration Section. The division's function is to extend the scope of specialized cost advisory services and construction information systems to appropriate activity areas both within and outside the department. Concurrently, the division is responsible for maintaining the continuity and level of service already provided to regular user groups.

During the 1984-85 fiscal year, the decline in construction prices on branch-monitored projects in the 1982-83 and 1983-84 financial periods reached a turning point. There was no change in prices from the previous year.

Select and Quotation methods of tendering on minor and specialist works attracted bids from 707 contractors on 191 projects.

During the year, Cost Control provided cost planning, estimating and advisory services in response to over 580 requests from various divisions within Public Works, Supply and Services. Cost advice, statistical data and technical information were also provided to other government and outside agencies.

A list of cost consultants commissioned during the reporting period is provided in Appendix 1

## Project Management Division

The *Project Management Division* provides technical and professional services in planning and managing capital projects. It also provides project management services to government agencies and boards.

The division consists of three entities: Project Management, Edmonton; Project Management Branch, Calgary; and Specifications and Standards Branch. Reports from each of these follow, together with highlights of capital projects and of work undertaken for various government departments and agencies.

During the 1984-85 fiscal year, the Project Management Division, Edmonton, processed 256 capital works projects for various government departments. The total expenditures were in excess of \$145 million and shared by client departments as follows:

Advanced Education .....	\$ 7,318,600
Agriculture .....	1,836,300
Attorney General .....	10,207,000
Culture .....	20,768,000
Education .....	1,075,400
Energy and Natural Resources .....	2,664,400
Environment .....	2,062,000
Executive Council .....	19,806,300
Hospitals and Medical Care .....	8,135,800
Manpower .....	390,600
Public Works, Supply and Services .....	29,078,800
Recreation and Parks .....	908,600
Social Services and Community Health .....	2,569,200
Solicitor General .....	30,394,200
Tourism and Small Business .....	719,000
Transportation .....	1,544,000
XV Olympic Winter Games 1988 .....	6,053,300
	<hr/>
	\$145,531,500

During the 1984-85 fiscal year, 49 prime consulting firms were commissioned for the design and planning of 63 new projects. In addition, 193 projects involving 86 prime consulting firms were continued from 1983-84.

Funds paid out totalled \$9,668,177, which included fees and expenses, costs of tests and other services. Architectural, engineering and special consultant firms under commission by the Project Management Division are shown in Appendix 1.

## Project Management Branch, Calgary

Of all divisional project activities during the 1984-85 fiscal year, this branch was responsible for 56 capital projects totalling \$41,643,000. In addition, the branch handled three Treasury Branch projects with a \$410,000 capital value.

Of all divisional consultant activities during the 1984-85 fiscal year, 40 consulting firms were commissioned for the design and planning of 59 projects. The expenditures paid to consultants amounted to \$1,954,915. This included professional fees, expenses, surveys, tests and related services. These consulting firms are included in Appendix 1.

The branch also administers tender documentation for the department's Southern Region. Tenders for 110 capital construction projects were received in Calgary. Sixty-six of these projects totalling \$6,026,872 were prepared by Project Management, Edmonton, the Property Management Division and the Site Development Division, but were handled through this branch for the convenience of the bidders. Twenty projects for the XV Olympic Winter Games 1988 totalling \$10,255,644 were tendered. Twenty-four other projects were prepared and tendered by this branch for a total of \$18,028,060.

## Highlights on Capital Projects

Expo 86, Vancouver: — Construction started on the Alberta Pavilion in January 1985. The shell building is scheduled for completion by November 1985 and is presently within budget and on schedule. The building contract tenders amounted to \$2,750,000.

XV Olympic Winter Games 1988: — The Olympic Project Management Team undertook the project management of the Olympic Alpine Venue, Nakiska, and the Olympic Nordic Venue, Canmore. These projects are on schedule and within the cost parameters.

Performing Arts Centre, Calgary: — For the past two years Calgary Branch personnel have been involved in the daily management of cost-effective control of design and construction. The Centre is on schedule and within budget and is scheduled for completion by September 1985. Total project cost is \$80,900,000.

Coal Research Centre, Devon: The last phase of the facility, the High Head Laboratory, was completed under the original Energy Resources Research Fund allocation. Design work commenced in the fitting-out stage for occupancy by the Alberta Research Council.

Food Processing Development Centre, Leduc: This project was completed in August 1984, having been funded through the Alberta Heritage Savings Trust Fund for the Department of Agriculture. Total project cost was \$6,780,000.

# Projects for Departments

## Advanced Education

Alberta Vocational Centre, Lac La Biche: The Student Family Housing facility was completed along with the Child Care Training Centre. Site development work commenced and the remaining portions of the main campus were completed and occupied by Advanced Education. The old campus trailers and miscellaneous buildings were allocated to other users.

## Agriculture

Construction started on the Chemical Storage and Support Services Building for the O.S. Longman facility in Edmonton and further internal renovations were made in the main building. Minor improvements were constructed at Alberta Tree Nursery, Edmonton.

## Alberta Alcoholism and Drug Abuse Commission

The Poundmaker Nechi Centre in St. Albert was completed. Design work commenced on a 50-bed treatment centre in Grande Prairie to serve the northwest region of the province.

## Alberta Liquor Control Board

Construction was completed on stores at Camrose, Claresholm, Edmonton South, Pincher Creek, Spruce Grove, St. Albert North, and Trochu. Also, the specialty stores in Edmonton and Calgary were opened to serve the public.

Design and planning were initiated for stores at Canmore, Edmonton Beverly, High Prairie, Okotoks, Red Deer Central, and Rocky Mountain House.

## Attorney General

Court Facilities: A program for the upgrading of court facilities throughout the province, in accordance with the recommendations of the Kirby Commission, commenced in 1977. Initially, a number of self-contained courthouses were constructed. However, most of the court facilities developed since are either in provincial buildings or are in interim facilities (trailers). Courthouses developed in the larger centres are usually separate buildings, and have full-time occupancy.

Here is a summary of work undertaken in the upgrading program, from 1977 to the present.

New court facilities completed	54
(25 are in provincial buildings)	
Existing court facilities upgraded and completed	35
(26 are in provincial buildings)	
New court facilities under construction	3
(2 are in provincial buildings)	

Existing court facilities upgraded and under construction	5
(3 are in provincial buildings)	
Interim court facilities developed in existing buildings	9
(3 are in government-owned buildings)	

Court House, Medicine Hat: Tendered in May 1984 for \$10,598,800. Completion scheduled for fall 1985.

The Old Court House, Calgary: The old court house is being renovated for the Court of Appeal. Tendered in July 1984 for \$6,193,000. Completion scheduled for January 1986.

The Court of Queen's Bench, Calgary: Design approved November 1984. Tenders scheduled for September 1985. Total project cost is \$8 million.

## Culture

Frank Slide Orientation Centre, Crowsnest Pass: This 1450 m<sup>2</sup> building was completed and handed over to Alberta Culture, which then installed exhibits. The official opening was held April 28, 1985.

Tyrrell Museum of Palaeontology, Drumheller: The main display hall area is completed, including the fitting-out of infrastructure: walls, ramps and display lighting grid. Official opening is scheduled for September 25, 1985.

Field Station near Brooks: Site and facility programs have been finalized. Architect was appointed and design started. The estimated cost of this project is \$1,500,000. It is scheduled for completion during 1986.

Provincial Museum of Alberta, Edmonton: Construction began on a \$900,000 mechanical upgrading project. Completion is scheduled for November 1985.

Ukrainian Cultural Heritage Village, near Elk Island Park: Landscaping of all public areas on the east side of the village was completed. Design has started on the historic landscaping.

Head-Smashed-In Buffalo Jump Interpretive Centre, Fort Macleod: The access road to the building was constructed. Working drawings for the building were completed.

Tar Sands Interpretive Centre, Fort McMurray: Construction of the building was completed and handed over to Alberta Culture for fitting-out with exhibits. Official opening is scheduled for September 6, 1985.

Reynolds Alberta Museum, Wetaskiwin: Construction of Phase 1 of the equipment storage shed was started; documents were started for Phase 2 of the same building.

**Southern & Northern Alberta Jubilee Auditoriums:** Work is being phased in over two years to upgrade the interiors of these buildings and to retrofit the exterior cladding. Total project will cost approximately \$12 million.

## **Education**

**Early Childhood Services:** The department continued to provide classrooms for this program and established new facilities at Byemoor, Carstairs, Coaldale, Sherwood Park and Spruce Grove. In addition to supplying new classrooms, existing units were renovated and relocated.

## **Energy and Natural Resources**

**Pine Ridge Forest Nursery, Smoky Lake:** The expansion to the existing Genetics and Tree Improvement Facility, tendered in 1983 for \$758,000, was completed in early 1985. This project was funded by the Alberta Heritage Savings Trust Fund.

**Fish and Wildlife District Warehouses:** The program to develop new facilities and upgrade existing ones was continued. A prototype facility was completed in Blairmore/Sentinel. Upgrading was commenced in Drumheller, Manning, Provost, and Stettler, and completed in Edson, Grand Cache, Olds and Ponoka. A new warehouse for Public Lands Division was completed in St. Paul.

**Cold Lake Fish Hatchery:** Contract No. 1 — earthwork, pumphouse and pipelines — was tendered in September 1983 for \$1,984,000 and was completed in 1984. Contract No. 2 — Walleye Ponds — was tendered in 1984 for \$1,334,646 and will be completed in 1985. Contract No. 2 — Hatchery Facilities and related work — to be tendered in 1985 is estimated to cost \$7,250,000.

## **Environment**

**Alberta Environmental Centre, Vegreville:** The Inhalation Toxicology Laboratory is substantially completed, along with the computer installation and additional laboratory development. Contract documents were completed for the waste incinerator project.

## **Executive Council**

**Alberta Research Council, New Facilities, Millwoods, Edmonton, Phase 1:** Construction on the main building continued throughout 1984 and the high head laboratories have now been taken over and occupied by the Research Council. Outfitting work will commence in 1985 and the whole complex is scheduled for occupancy in early 1986. Total project cost is expected to be well below the \$62 million originally projected.

## **Hospitals and Medical Care**

**Blood Transfusion Service Building, Edmonton:** Construction continued on this new facility located next to the Walter C. McKenzie Health Science

Centre. The schedule for occupancy is mid-1985. Estimated total project cost is \$15,200,000.

## **Manpower**

An expansion in the Opportunity Corps Program was announced in the fall of 1984 to include new locations at Ardmore, High Level, Lac La Biche, Peace River, and Rocky Mountain House. A prototype plan was produced for all five locations, followed by detailed design work and site purchases. Tendering is scheduled for summer 1985.

## **Public Works, Supply and Services**

**Provincial Buildings:** Construction was completed on the new provincial buildings in Bow Island and Rocky Mountain House, while construction continued on the new provincial buildings in Morinville and St. Albert. Construction commenced on a new provincial building in Edson.

**Office Building, 97th Street, Edmonton:** Construction continued on this facility which has a gross floor area of 45 000 m<sup>2</sup> and over 200 parking stalls. The building will accommodate head office functions for the departments of Solicitor General and Attorney General, including Land Titles. Construction is scheduled for completion in early 1985; occupancy will follow soon thereafter.

**Office Building, Calgary:** Renovations to McDougall School and New Park continued. Phase I Landscaping was completed in spring 1985. Renovation is scheduled for completion in fall 1986. Total project cost is \$32,600,000. This includes \$20 million for purchase of land and building.

## **Recreation and Parks**

Further construction and landscaping was undertaken on the storefront development of Elkwater Lake at Cypress Hills Provincial Park.

## **Social Services and Community Health**

Renovations and upgrading were planned for the Single Men's Hostels in Edmonton and Calgary; Westfield Centre, Edmonton; Youth Assessment Centre, High Prairie; and Wetaskiwin Centre, Wetaskiwin.

**Michener Centre, Red Deer:** Functional upgrading to buildings on the north site continued, including a new 25 kW electrical service.

**Five New Group Homes, Calgary:** Construction is due to start in May 1985. Project cost is \$1,265,000.

**Baker Centre, Calgary:** The redevelopment of this centre will consist of a new 30-bed unit for the medically dependent handicapped, nine new 6-bed homes on site, a new facility for the day care centre program, and a new 6-bed group home to replace an existing residence. The program is to be completed by June 1985. Total project cost estimate is \$12,740,000.

## Solicitor General

Young Offenders Centre, Calgary: As a major component of the capital program required by the Young Offenders Act, facilities program and schematic design were completed for the construction of a new 108-bed centre for young offenders. The projected cost is \$18 million. It is scheduled for completion in the fall of 1987.

Interim Accommodations for Young Offenders: A comprehensive program to house young offenders on an interim basis was developed and implemented between October 1984 and March 1985. This included the following projects: 1) Bow River Correctional Centre — This 96-bed minimum security facility was converted to a secure custody, temporary centre for young offenders in the Calgary area; 2) Calgary Correctional Centre — Two wings of this centre were modified for the use by minimum security adult offenders; and, 3) Edmonton Youth Development Centre — This was converted into a 100-bed secure custody facility for male and female young offenders in the Edmonton area.

Provincial Correctional Centre, Grande Cache: Construction was completed for this 250-bed medium security correctional centre. The project had a total cost of \$43 million and was planned and constructed in two years. It was implemented by the fast-track method, with 85 different and separate contracts.

Correctional Centre, Red Deer: Construction documents were completed for the tendering of a new 96-bed remand and detention centre for adult offenders. The cost of this facility has been determined as \$17 million and is scheduled for completion by the winter of 1986.

Correctional Centre, Medicine Hat: Construction documents were completed for the tendering of a new 75-bed remand and detention centre, including a 20-bed wing for the housing of minimum security adult offenders serving intermittent sentences. This project is estimated to cost \$14 million and will be completed by the winter of 1986.

Correctional Centre, Fort Saskatchewan: A comprehensive program was developed for the modifications required for compliance with fire and safety code requirements, to ensure safe occupancy for the remaining life of this building. The cost of this program is estimated at \$3,900,000.

## Tourism and Small Business

Negotiations continued with the federal government for a joint-use facility at Field, B.C.

Construction started on the new Travel Information Centre at Lloydminster. It will be ready for the opening of the season in May 1985.

The land purchase and planning for a new Travel Information Centre at Canmore commenced in January 1985.

## Transportation

Renovations and site improvements were undertaken at more than 25 depot locations. Other developments during the year included:

Donnelly:	Design was completed and construction commenced for a new 5-stall garage and related facilities.
Rainbow Lake:	Construction of a new 4-stall garage and related facilities was completed.
Sherwood Park:	Design was completed and construction contract awarded for a new 12-stall garage and related facilities.
Wetaskiwin:	Construction of a new 6-stall garage and related facilities was substantially completed.

## Treasury Branches

The construction program for Treasury Branches was limited to two new branches, one at Calgary Sunridge and one at the West Edmonton Mall. Renovations were also completed in Didsbury, Edmonton Millwoods, and Edson.

New facilities were planned for La Crete. Planning for renovations at Calgary Main, Lac La Biche, and Westlock are to be tendered in 1985.

## Specifications and Standards Branch

The Specifications and Standards Branch is responsible for departmental specification policies and practices, and carries out a program which includes both project activities and the development of master systems, including master specifications, for use in support of the project specification function.

During the 1984-85 fiscal year, as in previous years, the branch participated on project teams, set the terms of reference for all project specifications prepared for the capital construction program. The branch also prepared the documentation related to bidding, contractual and contract administration requirements for all capital construction projects tendered by the department.

The extraordinary requirements and documentation needs of special projects, including the XV Olympic Winter Games 1988 and the Alberta Pavilion at Expo 86 in Vancouver, were addressed. Work on the Winter Olympics involved setting up special procedures to expedite the development process and meet time commitments, and the preparation of Mount Allan. Due to the extra-provincial nature of the pavilion at Expo 86, extensive research was conducted with respect to bidding requirements and contractual conditions. This involved the retention, through the Attorney General's Department, of legal counsel in Vancouver.

Maintenance and development of the Master Specification continued and accelerated to include rewriting the mechanical and electrical components of the system. Specialist engineering consultants were retained to assist in this task, which will continue into 1986.

As a member of the departmental committee responsible for the Commissioning Program Development Project, the branch participated in the formulation of policies and procedures related to facility start-up, and developed the construction contract documentation necessary for its implementation on projects.

Representation continued on the Interdepartmental Committee on Bonding Holdback and the Public Works Act. This involved the completion of a cross-Canada survey of other governments on related issues and discussions with the construction industry on the Public Works and Builders' Lien Acts.

In the summer of 1984, the branch was appointed to represent Public Works, Supply and Services on the Alberta Urban Hospitals Project Committee. This committee was set up by Hospitals and Medical Care to oversee the development of major urban hospitals in Calgary and Edmonton. The branch's responsibility on the committee

involves advisory input into the development process. Projects are under construction in Calgary and Edmonton, with construction completion scheduled for 1987.

The branch's long-standing practice of providing advice and guidance on specifications and standards issues to other public and private bodies continued, including the provision of copies of the Master Specification to non-profit agencies.

## Site Development Division

During the 1984-85 fiscal year, the *Site Development Division* was involved in projects requiring 196 contracts, for a total value of \$8,600,000. These projects included:

- Site services and landscape development components of building facilities.
- Site locations and services development for early childhood education facilities.
- Development of miscellaneous site services, landscape development and municipal systems on project sites, as well as extension of local services to the sites.
- Management of consultants for site information surveys, construction surveys, legal surveys for land acquisition, materials testing services, hydrogeological services, video pipe inspection services, and municipal design assignments.

In total, 122 consultant commissions were ongoing and payments to consultants totalled \$489,170.

Also, the division's Administration Branch provided clerical support services and financial control for provision of consultants to the capital programs of the Kananaskis Country Recreation Plan, Fish Creek Provincial Park, Calgary, and the Winter Olympics at Mount Allan and Canmore. For these programs, 27 consultant commissions were ongoing and payments to consultants totalled \$588,302.

The division was responsible for site information reports and made arrangements with municipal authorities and utility companies for off-site services and for completing municipal service agreements

In addition, a consultative service was provided to other divisions in the department as well as to other government departments. This service involved the preparation of technical reports, assessments of utility systems, operation and maintenance reports, and the resolution of complex design problems in the site development discipline affecting projects assigned to consultants. Concept reviews were also conducted on consultant designs in order to assure adherence to government policies and standards.

## Technical Services Division

The *Technical Services Division* provides technical expertise to the department in the fields of architectural, mechanical, electrical, structural, and geotechnical engineering. These services are provided in the following forms: establishing design standards; conducting design reviews; producing technical reports, feasibility studies, technical opinions and advice, and minor designs.

Design standards are provided to design consultants at the concept stage of all projects. Through consultations and review of designs, the knowledge and expertise of the division's personnel are blended with a consultant's expertise to produce superior designs.

Thirty-two formal technical reports, feasibility studies, and facility evaluations were developed, as well as numerous informal reports and opinions. The subject of these reports ranged from a study of the collapse of storage shelves to the study of land use for government office space in a town.

Designs and construction inspections were provided for 40 projects with a total value of \$3,700,000. These were small projects, renovations and repairs, with an average construction value of \$92,000. In addition, the division assisted the Site Development Division in the design, construction and inspection of 48 projects and the production of twenty-two reports.

The division was also responsible for providing all geotechnical, engineering opinions to the department. This was achieved by hiring and managing geotechnical consultants, who are listed in Appendix 1. In total, they produced 28 reports.

Feasibility and implementation studies on project commissioning were completed within the department; responsibility for sustained implementation of the commissioning program was assigned to the Technical Services Division. Studies on the resources required to meet this responsibility were carried out.



# FINANCE AND ADMINISTRATION

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## **Finance and Administration**

*Finance and Administration* is responsible for providing financial, personnel, systems and general administrative services to the department, including liaison with central agencies.

During the year under review, emphasis was placed on productivity enhancement, and significant accomplishments included:

- meeting a goal of 30 days for invoice payments,
- downsizing of staff by 9% without layoff, and
- issuing Revolving Fund financial statements by the fifteenth working day.

Finance and Administration's functions are performed through several branches, reports from each of which follow.

## Financial Services Branch

This branch is responsible for providing a full range of accounting and tender administration services for the General Revenue and Heritage Fund activities of the department.

The focus of effort in the 1984-1985 fiscal year was on maintaining positive and supportive relationships with the private sector. Processes for payment of accounts were reviewed and modified in an effort to more consistently meet the government policy of paying accounts within 30 days. Tendering and contract management activities were also reviewed and changes made to improve administrative and payment processes.

Key operational statistics are as follows:

Invoices processed	145,000
Accounts payable processing time	
Mean for 1984-85	32.75 days
Quarter ended 3/31/85	30.00 days
Projects tendered and awarded	196
Plans and specifications issued	10,200 sets

## Revolving Fund Accounting Branch

This branch provides a full range of accounting services — including billing, accounts receivable and payable, statement preparation and budget analysis — for all activities of the department funded through the Revolving Fund.

During 1984-85, 53,000 invoices were paid and, through a new billing system, 73,000 invoices were issued to users of the Revolving Fund activities.

## Financial Planning Branch

This branch is responsible for General Revenue and Heritage Fund financial planning processes in the department, and for co-ordination, analysis and recommendations related to the department's program operating and capital budgets.

During 1984-85, planning began for a new Financial Project System to support budgeting and expenditure tracking for all project-related activities in the department.

## Departmental Financial System Project

Alberta Treasury has developed a new system for payment of accounts and is currently implementing this system in various departments. The Departmental Financial System Project branch was established in July 1984 to ensure an orderly transition on April 1, 1986 to the new Departmental Financial System/Central Financial System (DFS/CFS).

The branch has reviewed the department's financial reporting requirements and the features of DFS/CFS, and developed an overall strategic plan for the conversion to the new financial system. During 1985-86, a detailed conversion plan will be developed to maximize the opportunities offered by DFS and to minimize any potential disruptions to the financial process.

# Management Services Branch

This branch provides systems, records, library, publications and general services functions. In the 1984-85 fiscal year, emphasis continued to be on restraint and on using technology (e.g. data base, microcomputers and networks) to share information and achieve efficiencies.

## Systems

The number of systems identified in the Departmental EDP Operational Plan grew to 134, while the total EDP budget remained constant at \$5 million. New systems development was held to \$350,000 as the emphasis for this year was placed on strategic planning for information systems. Most notable was the Property Inventories Study, a three-year plan for meeting the department's need for information about government properties and facilities. Part of that plan has been accomplished through establishment of the Data Resource Section, which will aid in common interpretation and sharing of data.

The Systems Section continued to manage the Departmental Office Systems network, which grew by 12% during the year, and to provide a range of support services to office systems users. Prior to year-end, a microcomputer local area network was installed to link the growing number of microcomputer users in the College Plaza location in Edmonton, enabling them to share data and resources.

## Records and Library Services

The Departmental Library acquired a microcomputer-based automated catalogue and a database reference service to provide better access to library materials. The reference service is linked with various private sector databases across North America that can be searched for bibliographic material. One hundred and nineteen such in-depth reference searches were conducted by the library. During the year, 4,414 books and periodicals were added to the departmental collection.

The Records Services Unit continued to develop the Records Management Program. Five branch records systems were reviewed, designed and implemented. A project is under way to automate several records management functions in the department, including filing system design and disposition activities. Transfer and disposal of public records realized savings through the movement of 3,500 cubic feet of records from high cost office space and equipment.

## General Services

Two major accommodation projects involved the expansion of the Records Centre and the relocation

of departmental staff to the Public Works, Supply and Services Building at 6950 - 113 Street.

Monitoring of copier selection continues to result in equipment rental savings.

## Publications

During the reporting period, the number of publications stocked in the Publications Section rose from 462 to 568; items distributed increased from 15,200 to 15,463. Initiatives to increase efficiencies and economies were continued and 26 publications are now available on computer for remote reference and printing by users

The section continued co-ordinating the development and maintenance of an Administrative Policies and Procedures Manual, as well as editing and producing manuals for user departments.

## Personnel Branch

During the reporting period, this branch's main focus was on assisting line management with the department's downsizing and privatization initiatives.

Employee redeployment to more essential positions continued to dominate the branch's activity, resulting in a reduced permanent work force with minimal employee disruption.

Occupational health and safety activity continued as a priority, resulting in 120 worksite visits, 12 investigations and 13 specialized courses being conducted.

Skill-focused short courses of one-half to one day duration continued to be in high demand, with 1,057 departmental employees attending in-house modular training programs. An additional 817 employees attended courses offered by the Personnel Administration Office.

Comparative statistics on permanent positions in the department are shown on this page.

	<b>Total Positions at March 31</b>	
	1984	1985
Minister's Office	5	5
Deputy Minister's Office	5	4
Finance and Administration	208	190
Information Services	797	723
Properties	1,862	1,746
Capital Development	217	205
Supply Management	423	397
<b>Total</b>	<b>3,517</b>	<b>3,270</b>



# INFORMATION SERVICES

<b>Computer Systems Division</b>	23
<b>Computer Processing Division</b>	24
<b>Telecommunications Division</b>	25

## Information Services

The functions of *Information Services* are:

- To provide effective and efficient electronic data processing (EDP) and telecommunications systems, services and expertise to Alberta Government departments and agencies.
- To establish standards, practices and guidelines necessary to support the effective use of EDP and telecommunications systems and services within the government; and, to monitor the application of these standards, practices and guidelines.
- To provide planning and co-ordination of EDP facilities and resources for the government.

The Information Services mission is carried out through three organizational units: the Computer Systems Division, the Computer Processing Division, and the Telecommunications Division.

The Computer Systems Division provides government-wide planning and monitoring of EDP automation initiatives; co-ordination of training, standards, common systems, quality assurance and the application of new technologies; and, centralized application maintenance and support services for EDP and the office technologies.

The Computer Processing Division plans for and provides facilities and expertise to accommodate timely, accurate and effective computer processing and support activities to satisfy the government's data processing requirements.

The Telecommunications Division is responsible for the planning, servicing and ongoing management of all government telecommunications requirements.

The information and telecommunications services industry is growing rapidly, with technological change continuing at an accelerating pace. Microcomputers continue to increase in acceptance and are now widely used. Costs of all computing devices continue a downward trend and, through general acceptance of interconnect, telecommunications devices are becoming cheaper and functionally better. As technology improves in price performance, more uses for it are found to be economically feasible. As a result the overall spending by the government on automation continues to rise.

A general trend toward bringing EDP and telecommunications together organizationally is developing within this industry. The government is well positioned in this area, having effected such an organizational change in 1982. The integration of voice and data networks within the government began in 1984-85 and this thrust will continue over the longer term. An evolution to digital networks is also commencing; long-term planning efforts were completed during the year under review.

During the 1984-85 fiscal year, a number of privatization efforts were successfully initiated within Information Services. Efforts to downsize staff were also continued, resulting in a substantial reduction in permanent positions. These two thrusts will continue into the 1985-86 fiscal year.

# Computer Systems Division

The 1984-85 reporting period saw a number of dramatic changes within the Computer Systems Division and the role it performs. In the interests of furthering the government's desire for increased privatization, all in-house capacity for systems development and office systems was removed. All other EDP services provided by the division continued at their original level (including systems maintenance, standards, training and common systems). In addition, the Planning and Policy Branch was transferred into the division.

In conjunction with these changes, a number of activities were carried out related to the Public Works, Supply and Services mandate under Treasury Board Directive 04/84, including:

- the monitoring of EDP expenditures by departments and agencies within the Government of Alberta;
- the review of EDP plans of departments and agencies as part of the 1985-86 budget review process, in conjunction with Treasury;
- the preparation of a number of publications and reports on government-wide EDP usage; and
- the continuation of a front-end role for Information Services, as well as prime contact with central agencies, such as Treasury and Supply Management and other users within the government.

Through the monitoring process certain significant trends have emerged. Traditionally, government EDP has focussed on systems developed to automate repetitive administrative functions. These systems have improved the administrative capability but have provided minimal assistance in the decision-making functions. Newer systems are beginning to address assistance in decision making.

Where new systems are required, packaged software is becoming a popular alternative to custom development. Generally, a certain amount of customization of the software has been required to adapt it from a business to government environment. However, even with this degree of customization, the acquisition cost can be substantially lower than total custom development would have been.

Technological changes are encouraging a dramatic growth in new, non-traditional approaches to EDP. Data is being seen as a corporate resource and end users are demanding access to that data in ways never anticipated in the traditional systems development. This end-user demand is forcing a new emphasis on microcomputers, user-friendly languages and integrated data.

The trend to local computing increases the need for standards and leadership as issues of security and support begin to arise.

Recognizing the potential for productivity gains through automation, departments are continuing to identify new or expanded computer applications. At the same time, the government has entered a restraint period where major initiatives are being examined to ensure the most cost-effective use of people and technology. These often-conflicting directions are providing a formidable challenge to Computer Systems Division as it attempts to monitor these activities, as well as provide planning and co-ordination to the government's automation thrusts. Issues such as compatibility and integration are and must continue to be addressed at a government-wide level.

With these new challenges, increased emphasis is being placed on enhanced training programs, development of more comprehensive yet flexible standards and guidelines, and major retooling efforts to provide resources capable of dealing with the new technologies and the new end users.

# Computer Processing Division

The 1984-85 fiscal period was one in which the Computer Processing Division succeeded in providing more reliable services and increased volumes of services without a corresponding increase in costs and with fewer staff.

The continued increases in processing volumes which occurred are shown in Figure 2. Growth was particularly evident in Central Processing Unit (CPU) hours, reflecting a marked and continuing shift by users towards on-line systems and services. (Figure 3 on the opposite page shows the areas of the province currently served through the on-line data network.)

The division's expenditures during the 1984-85 fiscal year were \$45,200,000, a decrease of 1.3% from \$45,800,000 in the previous year. Continued growth in processing volumes, the shift to higher value on-line usage, and significant cost reductions for computer hardware led to excess revenue. Accordingly, rate reductions are being made in 1985-86 and further rate reductions are projected for 1986-87.

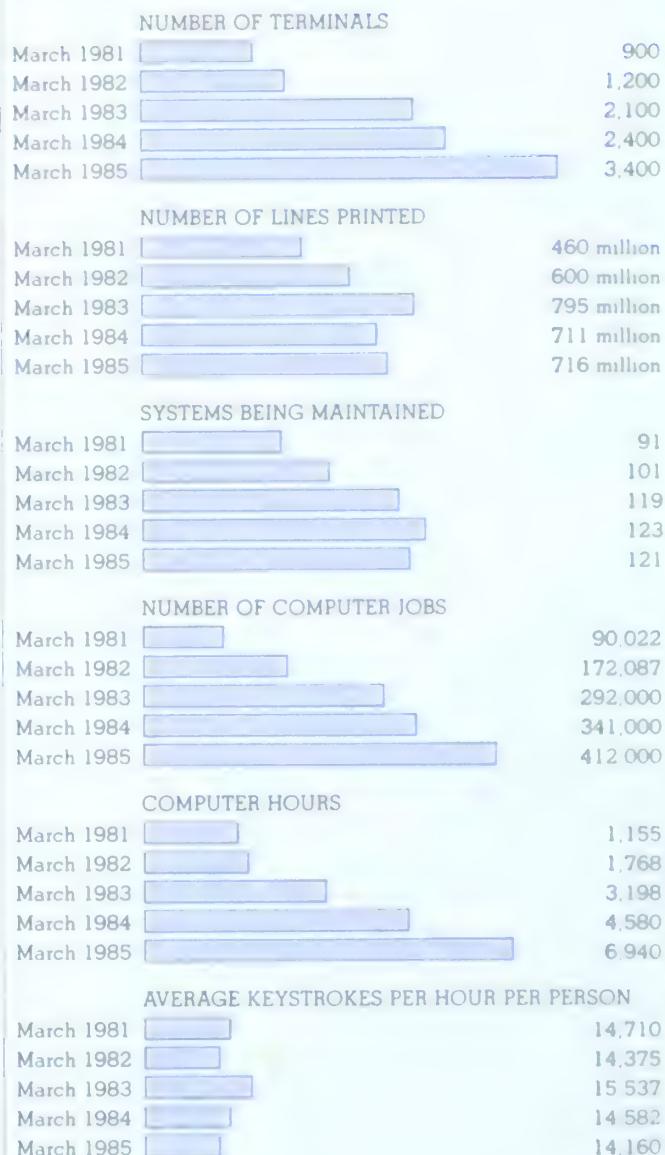
A major project, the Solicitor General's new automated motor vehicles information system, was completed during the 1984-85 fiscal year and a large dedicated processor was installed at the Central Computing Centre to support this specific application.

Significant quantities of terminals, peripherals, and enhancements to existing processors were installed to accommodate increased workloads, while major cost reductions were achieved for both installed peripherals and processors.

The staff of the division was reduced by a further 48 full-time positions. Significant downsizing in the data entry area was achieved without layoffs by redeploying staff. However, the removal of many of the best operators through redeployment resulted in a drop in the average hourly keying rate, as can be seen in Figure 2.

Figure 2

Monthly Volume Comparisons



# Telecommunications Division

The 1984-85 fiscal period was one of consolidation for the Telecommunications Division. Key engineering and planning positions were filled; procedures developed in the previous year were implemented, leading to more comprehensive and consistent handling of major projects. A significant part of this process was the implementation of a computer-based inventory and payments system.

Estimated expenditures rose by 17% to some \$41 million due to telephone rate increases. However, the Cost Reduction Program, begun in mid-year, will realize five-year savings of more than \$1 million. Other cost reductions totalling more than \$800,000 per year were realized in negotiations with suppliers. Major projects undertaken or completed during 1984-85 included:

- completion of a comprehensive plan for the design and implementation of an integrated services government network capable of meeting voice and data communications needs of user departments;
- the start of operations in four of the ten regions covered by the province-wide Multi-Departmental Mobile Radio System;
- completion of telecommunications systems work on 375 tenant improvement projects and 106 capital projects, including the Grande Cache Correctional Centre, Edmonton's 97th Street Building, and the Tyrrell Museum of Palaeontology in Drumheller;
- installation of new private branch exchanges (PABXs) in Devon, Hinton, Lac La Biche, Millwoods, Rocky Mountain House, and Slave Lake;
- the redesign and replacement of radio systems serving correctional institutions in Calgary, Edmonton, Fort Saskatchewan, Lethbridge, and St. Paul.



**Figure 3**

Network Support  
High-speed line between  
Calgary and Edmonton



# PROPERTIES

<b>Property Planning</b>	
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 <b>Building Sciences</b>	
<b>Division</b>	31
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<b>Division</b>	32

## Properties

The *Properties* organization is responsible for the planning, acquisition, disposal and management of land, buildings and related facilities owned by Alberta Public Works, Supply and Services. It is responsible for all land requirements of the Alberta Government, with the exception of Alberta Transportation and Alberta Housing. Properties manages the payment of grants-in-lieu of taxes under the authority of The Crown Property Municipal Grants Act.

During the 1984-85 fiscal year, Properties was directly responsible for budgets totalling \$252,597,700. The organization also provided full land planning and acquisition services to Environment Heritage programs and the Alberta Government Land Purchase Fund. These had land acquisition budgets of \$1,883,110 and \$41,431,000 respectively.

The scope of Properties' responsibilities extends from support for comprehensive long- and short-term planning and implementation of Alberta Government land requirements and general purpose office and warehouse space, to evaluation and maintenance programs designed to effect the most economical and effective use of facilities throughout their life.

The Properties organization consists of four divisions: Property Planning, Realty, Building Sciences, Property Management. Reports from each follow.

# Property Planning Division

The Property Planning Division is responsible for long- and short-term planning of departmental office and warehouse space requirements, designing and constructing tenant improvements in office and warehouse space, maintaining standards for office entitlements, and maintaining space inventories for the provincial government. During the 1984-85 fiscal year, expenditures on accommodation projects totalled \$6,694,897. Expenditures included tenant improvements of \$4,294,778, consultant fees of \$685,537, and furniture of \$1,714,582. The division's responsibilities are executed through the following branches:

## Administrative Services Branch

The Administrative Services Branch consists of six major units:

The Records Centre is responsible for maintaining the file inventory for all the branches in the division.

The Furniture Unit is responsible for budgetary and financial control for all furniture ordered and processing orders related to office furniture for new employees, new space, and for additional requirements of program departments.

The Consultant Unit is responsible for budgetary and financial control for all consultants hired within the Property Planning Division.

The Operating Budget Unit is responsible for budgetary and financial control for all operational and manpower expenditures.

The Tenant Improvement Unit is responsible for budgetary and financial control for all tenant improvement projects.

The Word Processing Unit is responsible for inputting of all memoranda, letters and reports into the division's word processing system.

## Project Administration Branch

Project Administration Branch is responsible for the construction of tenant improvements in leased and existing Crown-owned office and warehouse space.

The branch ensures that all assigned projects are completed within established schedule, scope and budget constraints. Responsibilities include establishing time frames, preparing tender packages, reviewing tenders and quotations, awarding contracts, conducting site inspections and issuing acceptance letters on completed projects. Provision of contract moving services and coordination of telecommunication and computer services are also part of this branch's responsibility.

During the 1984-85 fiscal year, the branch managed 436 tenant improvements projects with a total expenditure of \$4,294,778.

## Project Development Branch

The Project Development Branch plans and designs all general purpose office and warehouse accommodation for government departments and agencies.

Short-term activities include identification and assessment of space needs for departmental programs, and the allocation and design of general purpose office and warehouse space for multi-departmental use in urban and rural Alberta.

Long-term activities include 1) accommodation planning at the regional level; 2) policy inputs for build-lease decisions; and, 3) development of long-term space forecasts and recommendations for construction of office space, such as new provincial buildings and office complexes.

Office space requirements are satisfied within existing space, or through the acquisition of new leased space.

Other services provided include the provision of 1) standards and specifications for office space and furniture; 2) general and occupancy-fit programs for provincial buildings and all major office complexes; and, 3) space and parking inventory control systems.

## Realty Division

The activities of the Realty Division fall into three groups: Grants-in-lieu of taxes, leasing, and land acquisition. Details of transactions during the 1984-85 fiscal year related to grants-in-lieu of taxes and leasing are shown in the tables below. These transactions are compared with the previous fiscal year. The tables are followed by a commentary on land acquisition activities. Figure 4 on this page provides an overview of the division's transactions, in millions of dollars.

	1984-85	1983-84
<b>Grants-in-Lieu of Taxes</b>		
Number of claims	5,613	6,149
Amount of grants-in-lieu of taxes	\$25,987,599	\$23,503,820
Amount for local improvements	224,367	182,031
Total	\$26,211,966	\$23,685,851
	1984-85	1983-84
<b>Leases</b>		
Number of rents payable and accounts receivable	1,282	1,166
Annual amount of accounts receivable	\$6,509,179	\$3,412,306
Annual amount of rents payable (including all lease costs)	\$82,929,915	\$78,366,459
Number of leases for government agencies	79	78
Annual amount for government agencies	\$8,244,399	\$7,548,913

### Land Acquisition

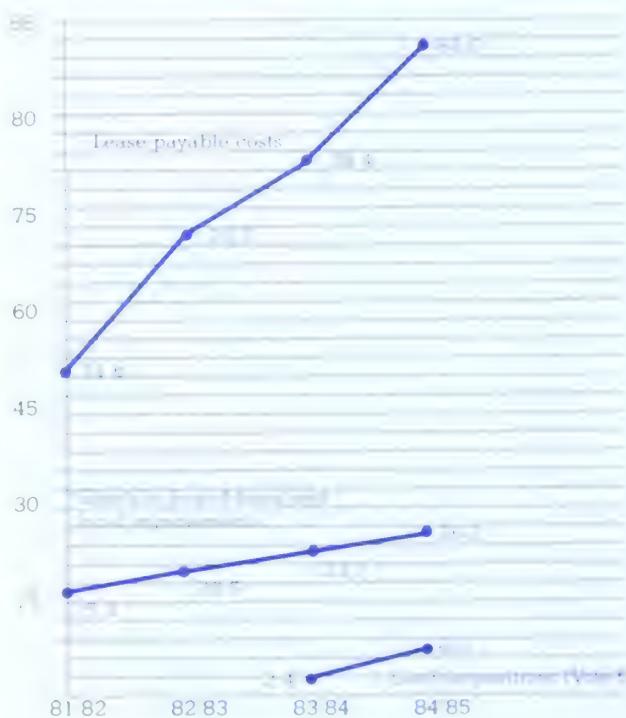
The Land Acquisition Branch is responsible for the acquisition of all properties required for Alberta Public Works, Supply and Services, Alberta Environment, Alberta Energy and Natural Resources, Alberta Recreation and Parks, Alberta Culture, Alberta Utilities and Telecommunications, Treasury Branches, and in some cases the Alberta Liquor Control Board. Disposals are undertaken on behalf of Alberta Public Works, Supply and Services, Treasury Branches, and in some cases the Alberta Liquor Control Board.

Acquisitions are funded through various sources including Vote 4, Vote 6, the Government Land Purchases Fund, the Alberta Heritage Savings Trust Fund (Alberta Public Works, Supply and Services, and Alberta Environment), Treasury Branches, and the Alberta Liquor Control Board. Lands are acquired for various government programs and

projects. In the 1984-85 fiscal year this activity included the purchase of 17 properties in the Calgary Restricted Development Area and 11 properties in the Edmonton and Sherwood Park West Restricted Development Area. Negotiations for the acquisition of land required for the Oldman River Dam Project also commenced.

**Figure 4**

Realty Division Transactions  
(in millions of dollars)



## Building Sciences Division

The Building Sciences Division provides technical resources to Properties in the evaluation and maintenance of facilities, and specialist consulting services on building science throughout the department's facility development and management activities.

Included in the division's responsibilities are editing the Building Science contents of the department's Design Requirements for Buildings, the recording and monitoring of energy consumption for all department-owned facilities, and the management of private sector resources engaged in evaluation and maintenance programs.

# Property Management Division

The Property Management Division is responsible for the management, operation and maintenance of government-owned and leased facilities. Services are provided through three geographical regions, supported by a Planning and Services Branch, a Security Branch and a Divisional Support Branch. The three regions are shown in Figure 5. This figure also shows the distribution of government space in the regions. A major development in the 1984-85 fiscal year was, in fact, the reduction in the number of regions to three from four. The reason for this was the effect of privatization, coupled with staff downsizing initiatives.

At March 31, 1985, the division was responsible for 2 076 109 m<sup>2</sup> of owned space and 617 498 m<sup>2</sup> of leased space for a total of 2 693 607 m<sup>2</sup>.

During the year, 11 property management contracts consisting of 34 buildings were awarded. Collectively, these contracts totalled 142 911 m<sup>2</sup> with a total two-year value of \$6,641,714. At March 31, 1985, a total of 16 property management contracts were in place amounting to 168 272 m<sup>2</sup> of space. At the year's end, the division was also responsible for the management of 769 payable leases, 505 receivable leases and 63 Treasury Branch leases.

Figures 6 to 10 on pages 33 and 34 show the totally owned and leased space maintained by the division, owned space by major building type, a five-year profile of leased space and owned space managed by property management contracts, an energy consumption analysis and a summary of operating and maintenance costs in owned space by functional costing categories.

In addition to its responsibility for the management, operation and maintenance of government space, the division was involved in the following activities:

**Security Services.** A security office at Government Centre in Edmonton provided uniformed patrol services and security supervision of sites in the Edmonton urban area, as well as electronic monitoring of various locations in the province. Consulting services in all aspects of security were provided upon request to government departments.

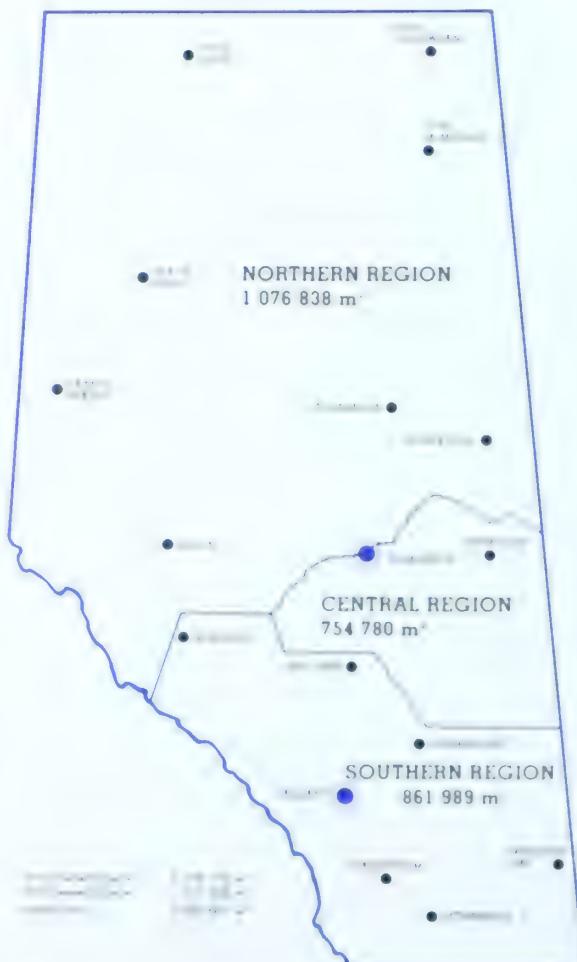
**Shops Services.** Alberta Government Shops completed 1,927 projects valued at \$1,795,900. Of these, 350 were specialized product manufacturing projects, valued at \$460,780, for various government departments, boards and agencies. Of the project total, 21 were performed by the private sector. These were valued at \$111,600 or 6.2% of total expenditure.

**Special Projects.** During the reporting period, the asbestos abatement program was transferred to the Building Sciences Division.

**Food Services.** Consulting on food services to other departments continued to grow. Contracts were renewed and retendered on existing facilities. Quality food and service at minimum cost to employees continued to be the primary objective. Emphasis on improved nutrition and its relation to employee well-being in the workplace was stressed.

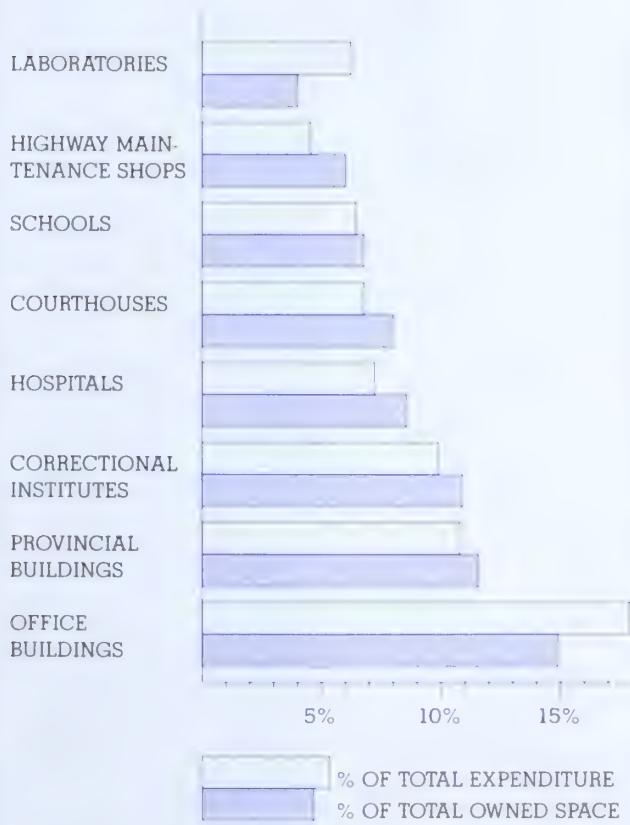
**Custodial Services.** Support to the field in tendering and awarding custodial contracts was increased substantially. Consulting services in all aspects of cleaning were provided throughout government departments. Newer equipment and chemicals made it necessary to update caretakers on procedures, through short workshops and site visits.

**Figure 5**  
Physical Plant Regions  
at March 31, 1985

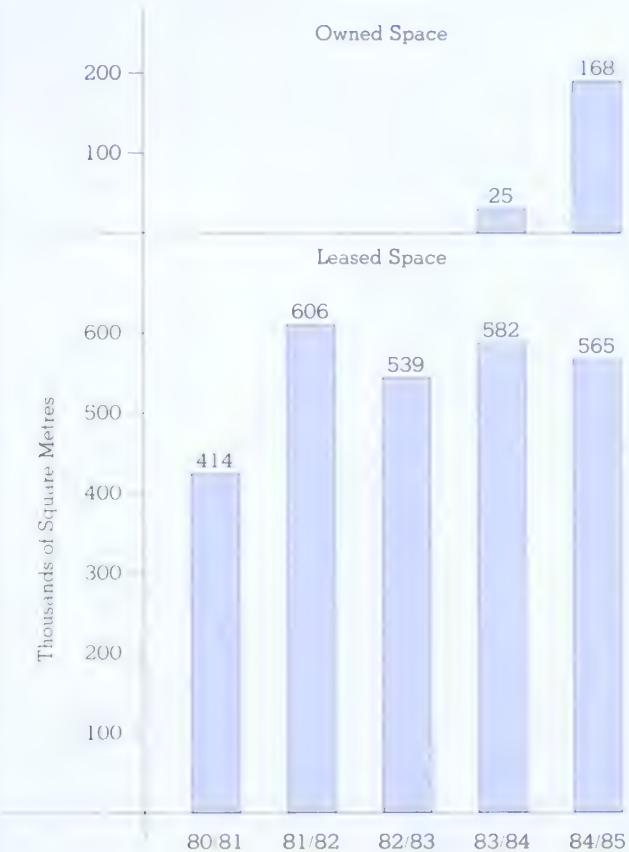


**Landscape Services.** The landscape program, aimed at optimizing grounds maintenance management, achieved a number of major objectives. Site improvements were made at 21 locations. Standard grounds maintenance specifications were completed. An irrigation program was implemented in conjunction with the Site Development Division. Initiation of maintenance programs tailored to specific sites took place through liaison with the Project Management Division and client departments. Field communication was improved with circulation of a newsletter. The first in a series of video training modules was developed. Consulting services in all aspects of plant maintenance were provided upon request to the Property Management Division.

**Figure 6**  
Major Building Types  
Relative Cost and Size



**Figure 7**  
Owned and Leased Space  
Managed by Contract

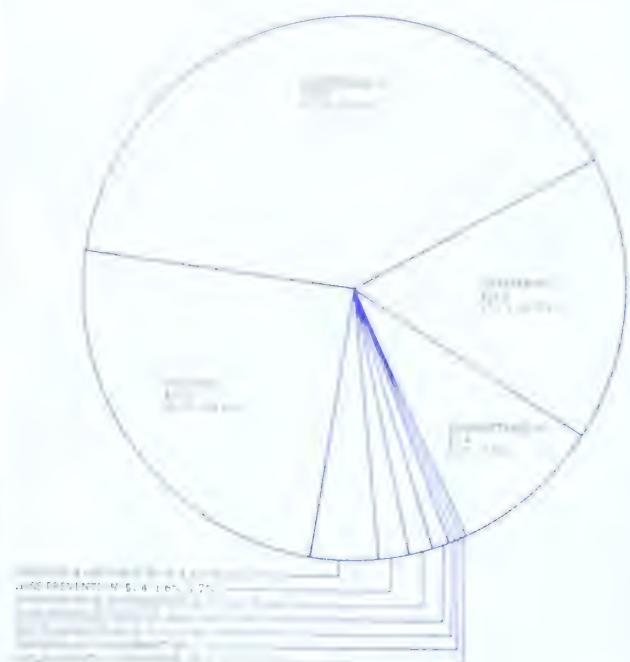


**Figure 8**  
Annual Energy Consumption  
In Owned Space  
(in megajoules per square metre)



**Figure 9**

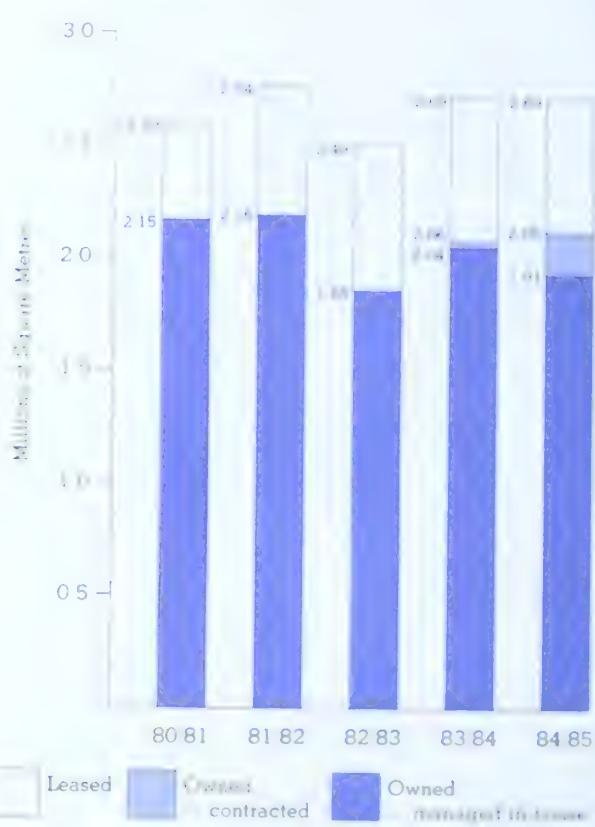
Functional Costs 1984-85  
Owned Space Only  
(in millions of dollars 1983-84 in brackets)



**Figure 10**

Total Space Maintained

(in millions of square meters)



# **SUPPLY MANAGEMENT**

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## Supply Management

The *Supply Management* organization is responsible for the delivery of a wide variety of materials and service management programs to government departments. These programs include procurement of materials and services, warehousing and distribution of common-use items, marketing of surplus materials, vehicle fleet management, office equipment maintenance, courier service, printing and duplicating, records management, air transportation, and advisory services in the areas of standards, specifications and quality assurance.

Goals for the period under review reflected the desire to reduce or downsize operations wherever possible and to identify opportunities to privatize functions where it was advantageous to do so. Operations were also assessed to determine where economies could be realized from amalgamation or elimination of activities, streamlining or automation. Major emphasis was placed upon the identification of opportunities to reduce or eliminate costs. The continuing need to demonstrate sensitivity and helpfulness in support of the Alberta business community was reiterated.

As a result of initiatives taken in pursuit of these goals and objectives, staff was reduced by 27 (or 6.5%), and transfer of activities to the private sector increased by \$1,400,000 (38%) over the 1983-84 fiscal year.

Considerable progress was made in streamlining operations and in making delivery of services more efficient. The introduction of microcomputers to automate administrative functions continued, resulting in direct manpower savings and cost avoidance as well as more effective control.

Continued support was provided to the Alberta supplier community. Assistance was lent to the Department of Economic Development in preparing a guide to public sector procurement. This guide informs suppliers of purchasing procedures and points of contact. Product specifications favorable to Alberta suppliers continue to be established. As well, liaison took place with federal government officials to promote full use of Alberta suppliers in their purchasing activities.

Supply Management operates through two divisions: Procurement and Supply Operations. Reports from each of these divisions follow.

# Procurement Division

The Procurement Division is responsible for the centralized purchasing of goods, the acquisition of selected services and the maintenance of an inventory of commonly used products. It comprises four operating units: Purchasing Branch, Contracted Services Branch, Warehousing and Distribution Branch, and the Southern Region office in Calgary.

## Purchasing Branch

The Purchasing Branch acquires materials and supplies for all departments as governed by The Public Works, Supply and Services Act.

During the reporting period, the branch acquired goods and services valued at \$230 million, down 18% from 1983-84. Of this amount, \$142,200,000 (60.2%) was purchased directly from Alberta manufacturers. A further \$68,100,000 (28.9%) of the total came from Alberta-based distributors and suppliers. Figures 11 and 12 on this page provide five-year comparisons of the dollar value of purchases and of the number of transactions.

Major purchases included road vehicles \$23 million, culverts \$7,500,000; pharmaceutical drugs \$3,200,000; food \$3 million; petroleum and propane products \$33 million; bridges \$5 million and asphalt \$85 million.

The Standing Offer Purchasing System, which allows direct access to vendors for a wide range of commodities, continued to play a key role in the supply strategy. During the reporting period, the system was expanded by 9% so that now in excess of 12,000 line items can be purchased directly from approximately 250 Alberta-based companies. The total value of goods purchased using this system is in excess of \$14 million. The system reduces the length of the supply chain and the related administrative costs.

The number of vendors wishing to do business with the Alberta Government continued to grow, resulting in keen pricing with extremely limited price escalation. Delivery lead times increased due to the vendor community's desire to hold inventories at a minimum.

Through consolidation and automation the branch has, since 1983, downsized its manpower complement by 12%.

Development and implementation of a wide range of performance-based product and service specifications continued. These provide a means of increasing opportunities for Alberta-based suppliers to compete on an equal basis in supplying government requirements. The number of specifications has risen to 417, an increase of about 24%. Quality management is also being promoted, in co-operation with the Department of Economic

**Figure 11**

Dollar Value of Purchases  
(in millions of dollars)



**Figure 12**

Purchasing Transactions  
(in thousands)



Development, with selected manufacturers. The intent is to improve the marketability of their products to non-government consumers.

Supply Management continues to place emphasis on affording a fair opportunity to vendors located outside the major metropolitan areas to sell goods to the government. Procedures have been adopted which allow purchasing staff to restrict sourcing to the local area in which the goods will be consumed, provided adequate competition exists and the value of the order does not exceed \$2,500. The branch has also collaborated in a pilot project involving a self-pay purchase order. This will eliminate any possibility of delay in paying vendors and avoid possible cash flow problems for small business.

These initiatives are in addition to the current Direct Purchase Order delegation which allows users outside major centres to satisfy their lower value and urgent requirements through local sources.

## Contracted Services Branch

The Contracted Services Branch manages and co-ordinates the tendering of contracts for electronic data and word processing equipment, telecommunications devices, computer software and systems development.

During the 1984-85 fiscal year, the activity level of the branch increased by 5%: some 1,500 contracts were concluded for a value of \$82 million. Of this amount, capital and lease costs for electronic data processing (EDP) equipment represented \$43 million.

The marketplace for data processing equipment and software continued to be highly competitive. In order to reduce costs, vendors amended or eliminated certain contract provisions considered favorable to purchasers, such as early lease termination arrangements. This change in the environment resulted in a reduced range of choices and flexibility with respect to leasing of such equipment. The government will have to consider other methods in order to take advantage of new technology as it comes on the market.

Progress was made in the development and implementation of several acquisition initiatives including:

- Development of standard contracts for teleprocessing devices, thus enabling user departments an improved access to equipment
- Development of standard terms and conditions for contracts with major hardware suppliers.
- Development of a user guideline publication for general service contracting. This publication was designed to ensure a greater degree of uniformity in the manner in which tenders are let and in the content and format of contracts.
- Creation of a number of new master contracts, Requests for Proposals and user guides to provide departments with direction in the development of EDP equipment and service acquisitions.

- Negotiations with various suppliers to buy out existing data and word processing leases by using the equipment leasing and financing program. In total, \$5,300,000 worth of equipment was financed, saving in excess of \$400,000.

Demand for branch services in the acquisition of EDP equipment and services is expected to remain strong for the foreseeable future as departments automate to achieve greater efficiencies.

## Southern Region

The Southern Region Office provides expertise and co-ordination in the acquisition of complex and diversified commodities for the southern areas of the province.

During the 1984-85 fiscal year, efforts were intensified to identify sources and increase the proportion of goods purchased in southern Alberta, particularly outside the major metropolitan areas. This provides continuing assistance and encouragement to the Alberta-based vendor community in that region. The office also participated in the Calgary Federal Business Development Trade Show, which is aimed at encouraging small business.

The office was called upon to afford priority and devote resources to the co-ordinated procurement requirements of the Solicitor General's new juvenile detention centre at Strathmore as well as for the new Tyrrell Museum of Palaeontology, in Drumheller.

The total value purchased for the period was approximately \$10 million, which is an increase of 11% over the previous year. This was accomplished notwithstanding a manpower reduction of 14%.

## Warehousing and Distribution Branch

The Warehousing and Distribution Branch provides centralized warehousing, inventory management and distribution services in support of government departments

During the 1984-85 fiscal year, an independent study was undertaken to review the cost-effectiveness of central warehousing and stock item management. The results of that study indicated that the branch generates a net savings of \$3,200,000 annually when warehouse product costs are compared with the best cost alternative method of supply.

In previous years, in-house transport services delivered 35% of the total volume of goods flowing through the warehouse to government users. The balance was contracted to private sector carriers. During the 1984-85 fiscal year, in-house transport services were reduced to 20% (both equipment and personnel), more services being contracted to the private sector.

Office relocation and general cartage services were decentralized, permitting users to obtain their requirements directly from the private sector.

A computerized order entry and inventory management system was completed on schedule in September 1984. This has resulted in a 35% reduction in personnel resources previously dedicated to document processing and inventory control. The system provides substantially improved management of inventory and provisioning.

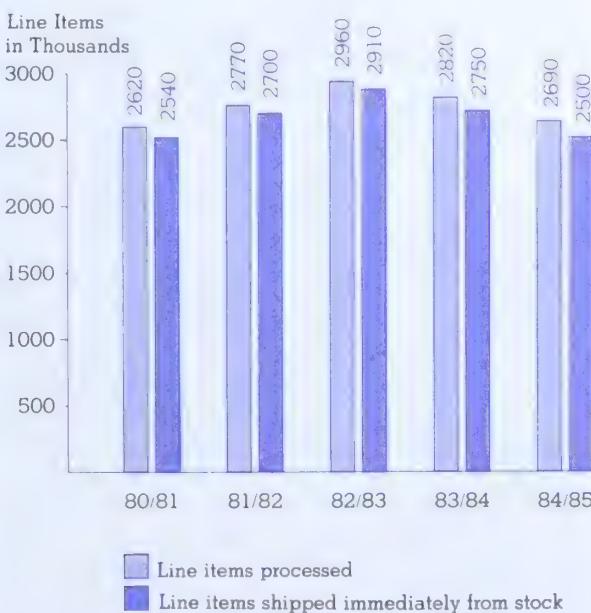
Reduced sales volumes and services provided by the branch resulted in an overall manpower reduction of 21%. Although the warehousing of commonly used products continues to be a cost-effective method of supply, the branch has identified 2,200 items in its inventory which will be eliminated from stock holdings, representing 27% of line items held at the beginning of the fiscal year. In line with decentralization and privatization initiatives, further item reductions are planned.

During the reporting period, a major consolidation of supply services to Alberta Recreation and Parks was introduced. This consolidation involved closure of that department's central warehouse, standardization of the products required by various parks and the direct shipment of goods to parks, bypassing regional facilities. This arrangement is expected to generate major savings in inventory holding costs for the user, and will eliminate product handling costs between regional warehouses and park operations.

Figures 13, 14, and 15 on this page provide statistics and trends on various aspects of branch activity.

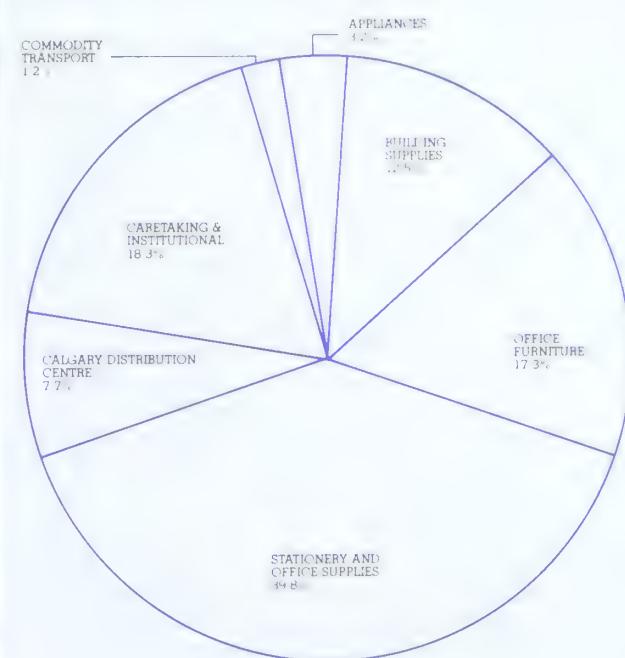
**Figure 13**

Order Processing  
Volume of Line Items



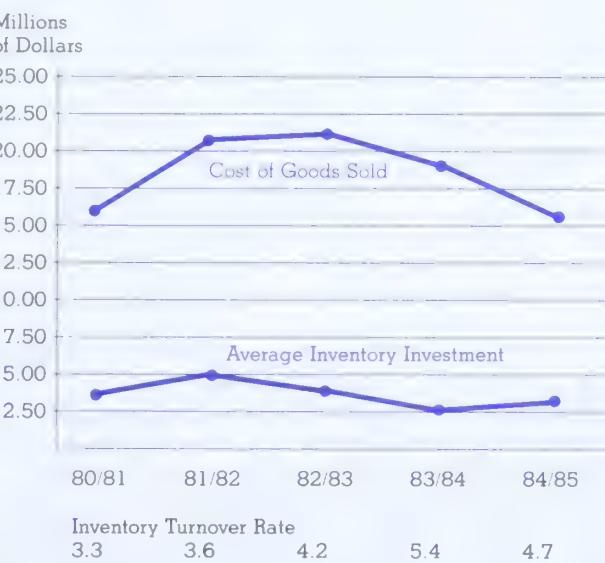
**Figure 14**

Warehousing and Distribution  
Sources of Revenue: 1984-85



**Figure 15**

Revenue Relative to Inventory Investment  
and Turnover Rates



# Supply Operations Division

The Supply Operations Division of Supply Management is comprised of four branches: Printing Services; Equipment, Courier and Surplus, Records Management; and Translation Services. Reports from each of these branches follow.

## Printing Services Branch

The Printing Services Branch, through its Central Duplicating Plant and Quick Print Centres in Edmonton and Calgary, provides an integrated copying, duplicating and printing service to all departments. During the reporting period, efforts continued to be directed toward privatization, downsizing and productivity improvements. The branch continued to advise and counsel user departments with respect to the lowest cost reproduction alternatives.

As the result of the move toward privatization, the production volume for the Central Duplicating Plant was reduced 22% and manpower was decreased accordingly. The printing work contracted to the private sector now amounts to 92% by dollar value of total government printing expenditures. The plant now produces approximately 6,000 orders per year. This constitutes 42% of government orders but amounts to only 8% of the total dollar value. The work which is produced internally is restricted to low-value tasks. These average \$251 per order and tend to be uneconomical to tender.

A comprehensive three-year productivity program is being implemented. As a result of this program:

- the number of copies produced by Quick Print Centres has increased by 6% with the same resources and equipment; and,
- the amount of two-sided copying, duplicating and printing has increased by 10%, leading to a substantial reduction in paper consumption and reduced handling, filing and distribution costs.

Technical training needs continued as a result of recent rapid technological innovations in the field of printing. One such innovation is the telecommunication link between the Legislative Counsel's Office and the branch's electronic typesetting system. This has reduced the critical delivery time of Legislative Bills by 50%.

Quick Print Centres are continuing to prove to be a cost-effective alternative to photocopiers and duplicators. Total savings to user departments from this service continue to be \$1 million per year.

Figures 16, 17, and 18 provide five-year comparisons of various aspects of the branch's productivity.

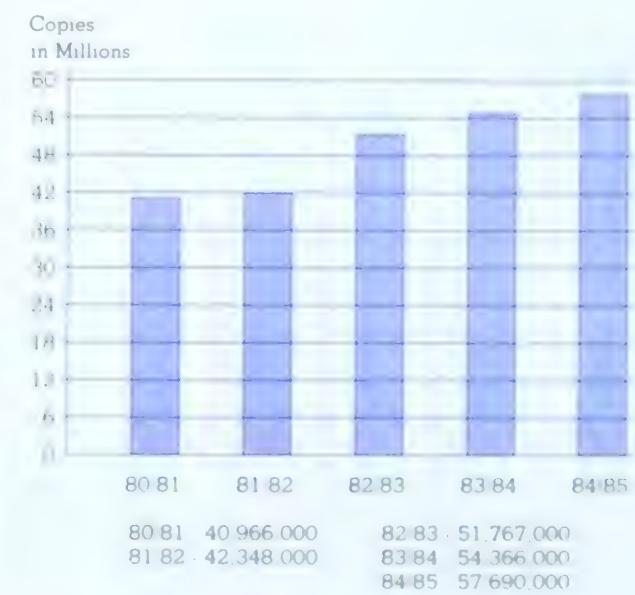
**Figure 16**

Central Duplicating Plant  
Total Impressions  
(in millions)



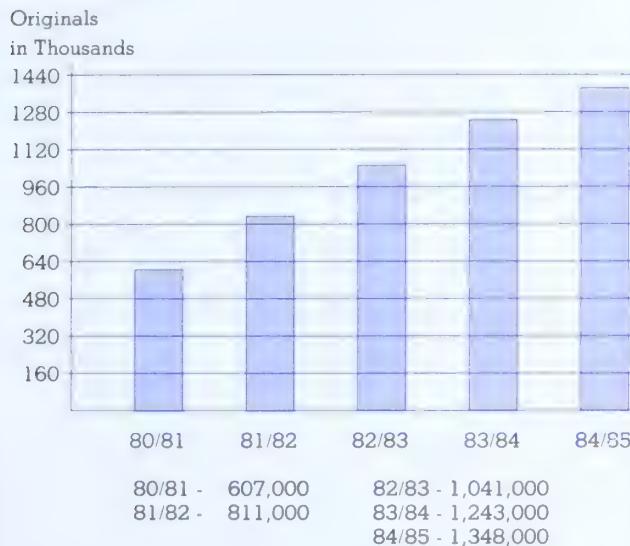
**Figure 17**

Quick Print Centres  
Total Copies  
(in millions)



**Figure 18**

Quick Print Centres  
Total Originals  
(in thousands)



## Equipment, Courier and Surplus Branch

The amalgamation of Central Vehicle Services, Central Delivery and Courier Services, and Surplus Sales in 1983, was followed in the 1984-85 fiscal year by a period of consolidation. Central Vehicle Services in Calgary was co-located with Surplus Sales, resulting in shared use of staff resources, equipment and facilities.

**Central Vehicle Services:** The elimination of seasonal vehicle leases, combined with improved timing of fall disposals and spring vehicle acquisitions, resulted in a reduction of 300 vehicles. An additional benefit was the elimination of the need to store vehicles during the winter months. A computerized Vehicle Inventory Management System implemented during the period under review has contributed to improved fleet management, while reducing annual data processing costs by \$118,000.

The Automotive Services section increased vehicle maintenance contracted to private sector garages to a total annual value of \$100,000, or 65% of the fleet maintenance work required in connection with outfitting and disposal of vehicles.

As a consequence of privatization, the Office Equipment section has been substantially reduced. The inventory of office equipment available for rental was reduced by 23% and the number of in-house equipment service contracts reduced by 27%. These services are now provided by the private sector. Staff was reduced correspondingly.

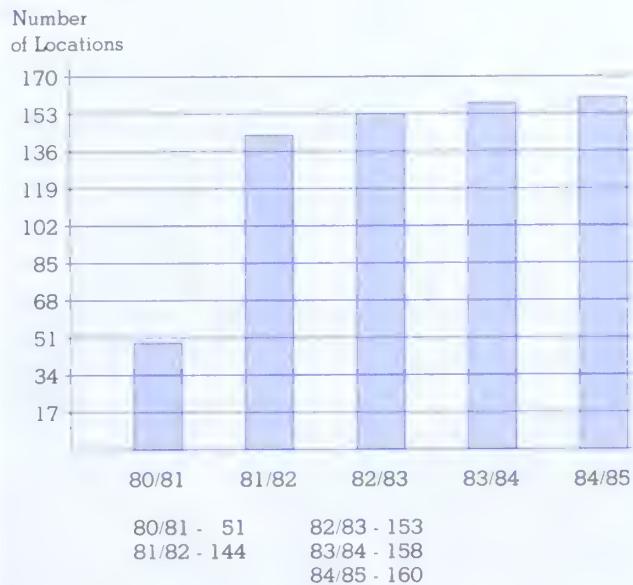
**Central Delivery and Courier Services:** The Courier Services section, which uses private sector resources for delivery and pick-up of mail to various courier locations across the province, added two

new locations, bringing the total serviced to 160. The value of this contract for all 160 centres in 1984-85 was \$489,000. The mail sorting and delivery service in Fort McMurray is now provided by a private contractor. Five-year comparison of locations served and volumes shipped are shown in Figures 19 and 20 on this page. In total, 204,739 shipments were handled by Courier Services in 1984-85. This is a 4% increase over the previous year.

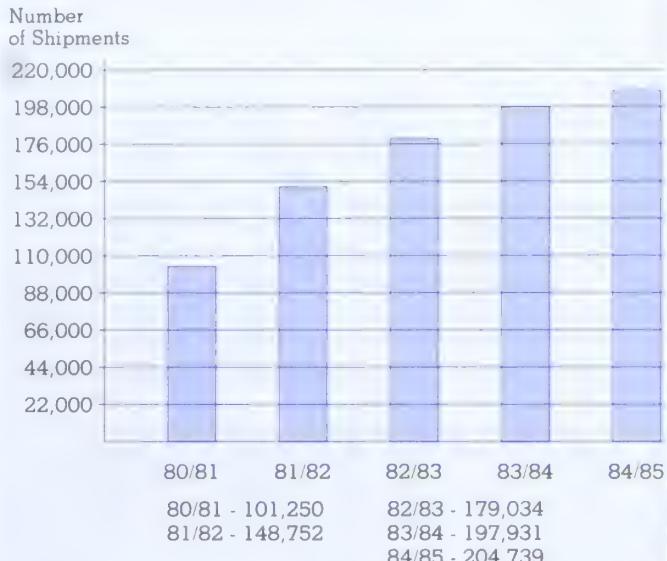
The section also provides an in-house centralized delivery service in major cities. There are 217 delivery locations in Edmonton and 154 in Calgary. The Central Delivery and Courier Service offers on-call messengers for the Legislature and Legislature Annex. In 1984-85, 972 deliveries used this service.

**Figure 19**

Number of Locations Served by Courier

**Figure 20**

Number of Courier Shipments



**Surplus Sales:** Sales remained very active as revenue increased by more than 50% over the previous year for a total of \$6,250,000. This increase was due primarily to the sale of vehicles resulting from the downsizing of the Central Vehicle Services fleet. A special one-day auction of 367 vehicles conducted by the private sector resulted in revenue of \$1,400,000. In all, 736 vehicles were sold by public auction for a total revenue of \$2,570,000.

Due to the construction of new hospitals in some rural areas, there has been an increase in sales of hospital equipment and furnishings. These sales have provided residents of these areas with the opportunity to purchase surplus government materials. Municipalities are also becoming more interested and aware of opportunities provided to purchase used equipment from the Alberta Government. These direct sales provide considerable savings on vehicle and equipment purchases when compared to the cost of new equipment.

Administration of the towing, storage and sale of abandoned vehicles is handled by the Surplus Section. Procedures for administering this activity have been carefully refined. As a consequence, in the reporting period there was an excess of revenue over expenditure of \$135,000. This compares to a deficit in the former system of some \$1,500,000.

Figure 21 on this page provides a five-year comparison of dollar revenue from surplus sales; Figure 22 shows the sources of revenue in the 1984-85 fiscal year.

**Figure 21**  
Surplus Sales: Total Revenue  
(in millions of dollars)



**Figure 22**  
Surplus Sales  
Sources of Revenue 1984-85



## Records Management Branch

The Records Management Branch operates centralized records storage facilities, provides micrographics services, and controls the destruction of documents.

The use of high-density storage facilities provided by the records centre saves an estimated \$1 million annually over the cost of maintaining inactive records in office space. Records Centre holdings at the end of the 1984-85 fiscal year were approximately 108,000 cubic feet of records and 25,000 computer tapes.

Expansion of the Records Centre facility in Edmonton was completed, providing space for an additional 86,000 cubic feet of records and 40,000 computer tapes.

During the reporting period, the Public Records Committee developed, for the first time in Canada, guidelines for the disposition of records generated and stored in electronic media. Also, the process for the destruction of public records was streamlined, resulting in an increase of disposals over the previous period of 16% (12,000 cubic feet.).

Improved productivity standards were developed and introduced into the Micrographics Section. A similar project was begun for the Records Centre and will be completed in the next fiscal year. These standards are intended to review existing processes in an effort to streamline work, and to set time/activity standards for work measurement and increased productivity.

Work began on the computerized indexing of terminated employee files. Once completed, this system will facilitate easy retrieval of personnel records and ensure continuous and ongoing disposal of records that have reached their retention expiry.

Figures 23, 24, and 25 on this page provide statistical details on accessions, disposals, and retrieval of records.

## Translation Services Branch

The Translation Services Branch provides translation and interpretation services to government departments and agencies. The work is shared by internal resources and private sector freelance translators on an approximately 50-50 basis.

Over one million words were translated in fifteen languages in the 1984-85 fiscal year.

Recently, a major thrust of the branch has been toward providing translations and interpretations from Chinese and Japanese. While several years ago there was little demand for work with these languages, the current economic development initiatives of Alberta with Japan and China create a considerable demand for translations from these languages. In order to facilitate these services, a one-week workshop was held for local Chinese and Japanese interpreters.

During the year, the translation services unit was honored by being chosen as a model translation unit by the Heilonjiang Province Association of Translators and Interpreters of China.

The demand for translations for most European languages has been steady. Due to an increasing amount of correspondence between Alberta and Quebec, the demand for French translations has also been increasing.

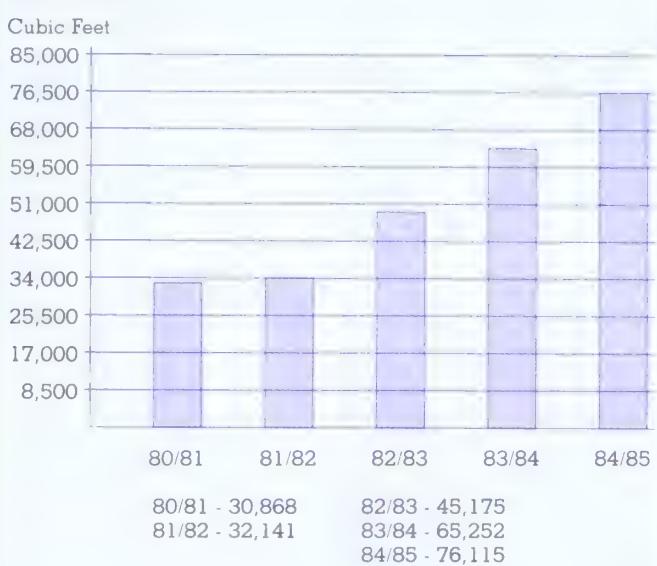
**Figure 23**

Records Centre Accessions:  
Intake of New Storage Material  
(in cubic feet)



**Figure 24**

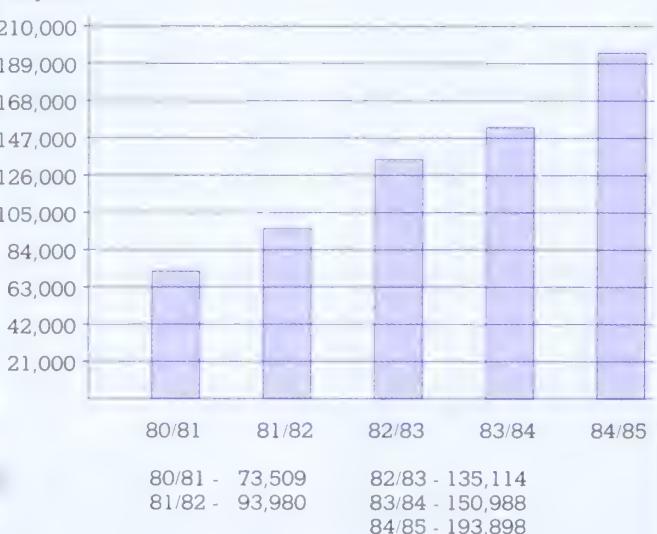
Records Centre  
Total Disposals  
(in cubic feet)



**Figure 25**

Records Centre  
Requests for Retrieval

Number of  
Requests



## Air Transportation Services

The Air Transportation Services Branch provides a variety of services to government departments and agencies using fixed and rotary wing aircraft. During the 1984-85 fiscal year, the branch provided approximately 21% of the total government aircraft requirements. The remaining 79% was provided by the private sector.

Total aircraft utilization was 11% lower than the previous year. This reduction was the result of lower than normal forest fire activity and a reduction in the fleet by one fixed wing aircraft.

During the year, increased emphasis was placed on use of the private sector for charter and maintenance work.

The branch acquired four Canadair CL215 water bombers for delivery in 1986 and 1987. These aircraft will be used in support of forest protection activities by the Alberta Forest Service and will be operated under private sector contract. This acquisition is the result of a federal-provincial co-operative agreement.

Five-year summaries of flying hours by rotary wing and fixed wing aircraft are shown in Figures 26 and 27 on this page. A map showing major cities and towns in Alberta serviced by the branch can be found as Figure 28.

**Figure 26**

Flying Hours  
Rotary Wing Aircraft



**Figure 27**

Flying Hours  
Fixed Wing Aircraft



**Figure 28**

Major Cities and Towns  
Serviced in 1984-85

## APPENDICES

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2. Contracts Awarded . . . . .	49
3. Contracts Completed . . . . .	65

# Consultants Commissioned by Capital Development

# Appendix 1

## Prime Consultants Architects/Engineers

Andruko, R., Architect Ltd.  
Atkins, Gordon & Associates Architects Ltd.  
Bond & Mogridge Architects Ltd.  
Bouey, Bouey & Partners, Architects  
Bredo, Burgess, Architect Ltd.  
Briskie, Robert, Architect  
Burrows & Lau Architects  
Butler Krebes Associates Ltd.  
Campbell Woodall Associates Consulting Engineers  
Cheriton Engineering Ltd.  
Clark James Coupland Architects  
Cohos Evamy Partnership (The)  
Cook Culham Montgomery Pedersen & Valentine, Architects & Engineers  
Dejneka, Gene, Architect  
Dupuis & Tardif Architects Ltd.  
Eldred Barr Architects, Planners & Interior Designers  
Forbes Lord Feldberg Schmidt & Croll, Architects & Engineers  
Forseth, Gerald L., Architect Ltd.  
Frost, Garry C., Architect Ltd.  
Garrick Sivertson Architectural Group  
Goodfellow, R.J., Architects  
Graham, John, Architect & Engineer Ltd.  
Hartwig, Terry, Architect Ltd.  
Hasegawa & Associates Ltd.  
Holland Cummins Partnership, Architects & Planners  
Hutchinson, Ken, Architect Ltd.  
Iu, Stephen, Architect Ltd.  
Johns, Barry, Architect Ltd.  
Kan, James, Architect Ltd.  
Kassian Architect  
Kasten Eadie Engineering Ltd.  
Klingbell, L.C., Architect  
Laird Polson & Associates Architects Ltd.  
Lemermeyer Architect Ltd.  
Maltby & Prins Architects  
McIntosh Workun & Chernenko Architects Ltd.  
Paley, Robert, Architects Ltd.  
Powley, Kenneth R., Architect Ltd.  
Quinn, Sheldon, Architect Ltd.  
Raines Finlayson Barrett & Partners, Architects, Engineers & Interior Designers  
Roberts, R.R., Architect Ltd.  
Robins, Watson, Baunton Architects and Engineers  
Saunder, R., Architect Ltd.  
Sinclair & Naito Architects Limited  
Sturgess Partnership  
Tse, C.W., Architects Ltd.  
Vaitkunas Jamieson Architects  
Weed Lobo Architects Ltd  
Wilson, Roy, Architect Ltd.

Woolfenden Group Architects Ltd  
Wright, Wayne, H., Architect Ltd.

## Subconsultants/Electrical Engineers

Abugov & Associates Consulting Engineers & Design Consultants  
AEB Engineering Group  
A.M.E. Engineering Ltd  
Anderson Engineering Ltd.  
Angus Butler Engineering (1980) Ltd.  
Aspen Engineering Ltd.  
Bromley Walls & Associates Consulting Engineers Ltd  
Cassie, G.J. & Associates Ltd.  
Cohos Evamy Partnership (The)  
Co-ordinated Engineering Ltd.  
Deagle, R.J., Engineering Ltd.  
E.C.E. Group Consulting Engineers (The)  
Grice, Nash, Williams Engineering Ltd.  
Hasegawa & Associates Ltd.  
Jarvis Engineering Ltd.  
Kenonic Controls Ltd.  
Merwin Engineering Ltd.  
Raines Finlayson Barrett & Partners, Architects, Engineers & Interior Designers  
Reid Crowther & Partners Ltd.  
Safronek Pomeroy & Associates Ltd.  
Saskmont Engineering Ltd.  
Stebnicki, G.F. Engineering  
T.W.S. Engineering Ltd  
Tan & Associates Engineering Ltd.  
Wardrop Alberta Ltd.  
Wasnea & Associates Engineering Ltd.  
Wiebe Forest Group Ltd  
Winkelaar Howard & Associates Ltd

## Subconsultants/Mechanical Engineers

A.D. Williams Engineering Ltd  
Abugov & Associates Consulting Engineers & Design Consultants  
Bacz Engineering Ltd  
Brisbin Gates Engineering Consultants  
Campbell Woodall Associates Consulting Engineers  
Cheriton Engineering Ltd  
Cohos Evamy Partnership (The)  
DeLCan DeLeuw Cather Western Ltd  
E.C.E. Group Consulting Engineers (The)  
FMS Engineering  
Hasegawa & Associates Ltd  
Heritage Engineering  
Jo-Tech Consulting Ltd.  
Keen Engineering Ltd

Kroening Consultants Ltd.  
Lamb McManus Associates Ltd.  
McCutcheon, Konevsky Engineering Group  
Mitchell Partnership Limited (The)  
NEC Engineering  
Norel Engineering Ltd.  
Parker/McLean Engineering  
Parker Rae & Associates Ltd.  
Roemer Engineering Ltd.  
Safronek Pomeroy & Associates Ltd.  
Saskmont Engineering Ltd.  
Steinbrenner Consultants  
Suncord Engineering Ltd.  
Tan & Associates Engineering Ltd.  
Vinto Engineering Ltd.  
Wardrop Alberta Ltd.  
Wasnea & Associates Engineering Ltd.  
Winkelaar Howard & Associates Ltd.  
Yewchuk Engineering (1979) Ltd.  
Yoneda & Associates

## **Subconsultants/Structural Engineers**

A.D. Williams Engineering Ltd.  
Abugov & Associates Consulting Engineers & Design Consultants  
Alexander, B., & Associates Ltd.  
Brooker, B.W. Engineering Ltd.  
Beau Village Engineering  
Campbell Woodall Associates Consulting Engineers  
Chambers, Walter, & Associates Ltd.  
Cohos Evamy Partnership (The)  
Cook Culham Montgomery Pedersen & Valentine, Architects & Engineers  
Crozier Kilgour & Partners Ltd.  
DeLCan DeLeuw Cather Western Ltd.  
Duthie Newby Weber & Associates Ltd.  
Engineers Collaborative (The)  
Forbes Lord Feldberg Schmidt & Croll, Architects & Engineers  
Hasegawa & Associates Ltd.  
Illmayer, J.A., Consulting Engineers Ltd.  
Jokinen, Eric P., & Associates Ltd.  
LMS Engineering Ltd.  
M.B. Engineering Ltd.  
McDonald Campbell & Associates Ltd.  
Raines Finlayson Barrett & Partners, Architects, Engineers & Interior Designers  
Read Jones Christoffersen Ltd.  
Reed McCallum Engineering Ltd.  
R.J.L. Engineering  
Robins, Watson, Baunton Architects and Engineers  
Simpson Lester Goodrich Engineering Partnership  
Smith, J.A., & Associates Ltd.  
Wardrop Alberta Ltd.  
Yolles & Microys Ltd.

## **Construction Management**

Carlson Construction Company  
Jasper Construction Consulting Services  
Stuart Olson Construction Ltd.

## **Cost Consultants**

Barnett Treharne Yates Ltd.  
BNP Construction Consultants Ltd.  
Both Belle Robb Limited  
CDM Consultants Limited  
Costplan Management Ltd.  
Hanscomb Consultants Inc.  
Helyar & Associates  
Inter-Cost Consulting Group Ltd.  
Louden, A.W.  
PCM Construction Control Consultants Ltd.  
Penhale Construction Management Consultants Ltd.  
Walsh, Denis & Associates Ltd.  
Woods, Clifford & Associates Alberta Limited

## **Geotechnical Consultants**

BBT Geotechnical Consultants Ltd.  
Curtis Engineering & Testing Ltd.  
EBA Engineering Consultants Ltd.  
Geocon Ltd.  
Golder Associates (Western) Ltd.  
Hardy Associates (1978) Ltd.  
Hoggan Engineering & Testing Ltd.  
Klohn Leonoff Consultants Ltd.  
Shelby Engineering Ltd.  
Smith, J.A., & Associates Ltd.  
Thurber Consultants Ltd.  
T.M. Corcoran Consulting Ltd.

## **Interior Design and Programmers**

Bilinske, Karen, Interior Design Consultants  
Business Interiors Ltd.  
Cornerstone Planning Group  
Noyce, Doug & Associates Interior Design Ltd.  
Resources Management Consultants (Alberta) Ltd.  
Rhodes, Timothy, Interior Design Ltd.

## **Landscape Architects**

Butler Krebes Lewis & Associates Ltd.  
Carson McCulloch & Associates Ltd.  
Landplan Associates Ltd.

Lombard North Group Ltd.  
Novak, Leonard, Landscape Architect Ltd.  
Walters, Doug, Landscape Architects

## Materials Testing Consultants

Ball Welding & Metallurgical Engineering Ltd.  
BBT Geotechnical Consultants Ltd.  
CIC Inspection & Consulting Ltd.  
Curtis Engineering & Testing Ltd.  
EBA Engineering Consultants Ltd.  
Geoscience Consulting Ltd.  
Golder Associates  
Hardy Associates (1978) Ltd.  
Hoggan Engineering & Testing Ltd.  
Klohn Leonoff Consultants Ltd.  
Paine, J.R., & Associates Ltd.  
Shelby Engineering Ltd.  
Smith, J.A., & Associates Ltd.  
Thurber Consultants Ltd.  
Underwood McLellan Ltd.

## Special Consultants

Addison, Leonard J.  
A.J. Rogac  
Warren E. Allen & Associates Ltd.  
A.M.E. Engineering Ltd.  
Bellingham, S.L. & Associates Ltd.  
Ecosign Mountain Recreation Planners Ltd.  
Eldred Barr Architects, Planners & Interior Designers  
Environmental Management Associates  
Gardner Outdoor Recreational Management Ltd.  
Matrix International Marketing and Management Ltd.  
Morstead Consulting Ltd.  
Mountain Planning Management  
Spencer, R.A., Architect Ltd.  
Taylor, R. Associates Ltd.  
3D-N Engineering Services Ltd.  
Vinto Engineering Ltd.  
W-2 Consultants Ltd.  
Whistler Mountain Ski Corporation

## Special Engineers

A.M.E. Engineering Ltd.  
Angus Butler Engineering (1980) Ltd.  
Anthratech Western Ltd.  
Artec Consultants Inc.  
Cheriton Engineering Ltd.  
Joseph deKrasinski, Dept. of Mechanical  
Engineering, University of Calgary  
Group Delta  
Hartman Company (The)  
Manutec Ltd  
P.C.P. Lighting Consultants Limited  
Read Jones Christoffersen Ltd.  
Vinto Engineering Ltd.

## Municipal Engineers

DeLCan DeLeuw Cather Western Ltd  
Landplan Associates Ltd.  
Lavalin Services Inc.  
Stanley Associates Engineering Ltd.  
Underwood McLellan Ltd

## Surveyors

All-West Surveys (1980) Ltd  
Brown, Okamura & Associates Ltd.  
Butler Krebes Associates Ltd.  
Cam-Alta Surveys Ltd  
Cameron Christianson  
Can-Am Surveys Ltd.  
CEP Consultants Ltd.  
Control Land Surveys (1983) Ltd.  
Coulthard & Associates Engineering Ltd.  
Drake, K.B. & Associates Ltd.  
Frontier Survey Services Inc.  
FYN Engineering Ltd.  
Halma & Associates Ltd.  
Hamilton & Olsen Surveys Ltd.  
L & L Technical Services Ltd.  
Landmarks Consultants Ltd.  
Martin D.A. & Associates  
McWilliams Surveys Ltd.  
Midwest Surveys & Services Ltd.  
Nesco Consulting Ltd.  
Snell & Oslund Surveys (1979) Ltd.  
Stewart, Weir & Co.  
Stuart Engineering & Surveying Ltd.  
Underwood McLellan Ltd  
Walker, Newby & Associates Ltd.  
Watt, D.A. Consulting Group Ltd.  
Wilson Don Surveys Ltd.  
Yellowhead Survey & Associated Services Ltd

## Hydrogeological

Geoscience Consulting Ltd  
Kamac Consultants Ltd

## Video Pipe Inspection

In-Line Pipe Inspections Ltd  
Thuro Services (Western) Ltd

## Underwater Inspection

Cantin's Pressure Service Ltd  
Underwater Specialists Ltd

# Capital Development Contracts Awarded

## Appendix 2

Location – Project General Contractor	Date of Award	Amount	Brooks
<b>Airdrie</b> Alterations to Provincial Court, Provincial Building Reliant Construction Ltd.	85-03-12	2,456.00	Alberta Horticultural Research Centre (AHRC) Renovations to Existing Facilities & Storage Shed, Renovations to Staff House Genstar Properties Limited
<b>Allison Creek</b> Alberta Brood Trout Farm (Sand filter repair) Kenonic Controls Ltd.	85-01-17	11,244.00	84-05-09 94,152.00 AHRC Site Development (Drainage improvement & paving)
<b>Alsite</b> Treatment Centre (Barn — Phase I, Option 1) P. Jacobs Construction Ltd.	84-11-30	48,979.00	Brooks Asphalt & Aggregate Ltd. 84-09-20 73,155.00 AHRC Site Development (One-Tree Creek irrigation pump)
<b>Ardmore</b> Alberta Opportunity Corps (Relocate classroom from Calgary to Ardmore) Scott's House Movers	85-03-07	7,000.00	Christien Mechanical Ltd. 84-12-19 28,200.00 AHRC Site Development (Lendrum Farm fence extension)
Alberta Opportunity Corps (Site services for classroom) Bonnyville General Contracting Ltd.	85-03-14	5,880.00	Master Fences Ltd. 85-01-30 27,813.70 Renovations to Existing Facility & Storage Shed (Upgrade mechanical systems on controlled storage facilities)
<b>Aspen Beach</b> Provincial Park, Shower Building Renovations Van Hoek Construction Ltd.	84-04-09	17,463.60	Christien Mechanical Ltd. 84-08-27 17,250.00
<b>Barrhead</b> Alberta Correspondence School, Print Shop Dust Hillside Gas & Plumbing Services	85-02-26	13,800.00	<b>Calgary</b> ALCB Horizon Estates Specialty Store (Millwork) J. S. Laurie & Associates Ltd. 84-09-21 254,200.00 ALCB Warehouse, Partial Reroofing
Maintenance & Repair Depot (Fencing) Phoenix Fence Co. Ltd.	84-09-25	8,343.00	Wm. Clark Roofing Ltd. 84-10-29 42,623.00 Alberta Vocational Centre, Renovations to Parking Facilities, Alterations to Teaching Area
<b>Blairmore</b> Fish & Wildlife District Warehouse (Warehouse facilities) Gero Construction	84-04-13	176,422.00	Centrum Interiors Ltd. 84-04-18 156,834.00 Baker Centre Renovations, Contract #4, Wall Protection System
<b>Bonnyville</b> Maintenance Garage, 9-Stall Garage & Related Facilities (Insulation conversion) Overhead Door Co.	84-04-19	4,824.00	Topaz Contracting Ltd. 84-04-09 37,070.00 Baker Centre Renovations, Contract #6
<b>Bow Island</b> Provincial Building, Garage Addition Wahl Builders Ltd.	85-03-01	42,225.00	Fenka Construction Ltd. 84-09-10 64,506.00 Core Research Centre, Landscaping Deficiency Correction
			Cedar Crest Lands Limited 84-05-28 20,098.50 Core Research Centre, Architectural Deficiency Clean-up
			Capton Holdings Ltd. 84-09-11 80,706.00

Core Research Centre, Electrical Deficiency Clean-up Wilkinson Electric Co. Ltd.	84-09-11	4,750.00	John J. Bowlen Building, Data Processing & Proof Area, 5th Floor Big Island Construction Ltd.	84-12-04	17,159.00
Core Research Centre, Mechanical Deficiency Clean-up Arpi's Industries Ltd.	84-09-11	18,823.00	McDougall School, Landscaping Phase II Penn-Co Construction	85-03-29	744,605.00
Core Research Centre, Rooms 183, 185, 190 & 193 Arpi's Industries Ltd.	84-04-19	7,900.00	Medical Examiner Facility, Mezzanine Cooling Fred Deeves & Sons (1981) Ltd.	84-05-17	8,438.00
Correctional Centre, Interim Accommodation, Young Offenders Act (Y.O.A.), Renovation to West Wing Graham Construction & Eng. Ltd.	84-12-28	19,980.00	Office Building, Renovations to McDougall School (Main building) Ellis-Don Management Services Ltd.	84-11-19	7,197,000.00
Correctional Centre (Electrical for security cameras) M.D.S. Electric Ltd.	84-05-18	8,172.00	Old Court House, Renovations Pan-Western Construction Ltd.	84-08-30	6,193,000.00
Family & Juvenile Courtrooms, Additional Carpeting & Acoustical Treatment Woodwards Contract Sales	84-11-30	5,968.00	Provincial Court, Renovations Lear Construction Services Ltd.	84-06-20	162,950.00
Family & Juvenile Courtrooms, 3rd Floor Integra Contracting Ltd.	84-08-24	43,275.00	Remand Centre, Renovations to Existing Remand Centre, Phase II Lear Construction Services Ltd	84-04-12	265,900.00
Fish Creek Provincial Park (Contract 30F — Miscellaneous fencing) Four Ways Construction Ltd.	84-08-15	19,500.00	Renovations to Existing Court House, Asbestos Encapsulation Air-Way Texturing & Insulation Ltd.	84-12-06	189,735.00
Fish Creek Provincial Park (Area 1 — Access road upgrading) Standard General Construction Limited	84-10-25	5,456.00	Southern Alberta Jubilee Auditorium (SAJA), External Cladding Retrofit, Phase I — Stage Area Graham Construction & Eng. Ltd.	84-07-12	287,000.00
Fish Hatchery, Installation of Ultraviolet Purification (Control & piping) Lockerbie Management Ltd.	84-12-28	205,500.00	Single Men's Hostel, Alterations, Renovations R.W. Robinson Construction Ltd.	85-03-29	646,355.00
Interim Secure Custody Facilities (Y.O.A.), Bow River Correctional Centre Graham Construction & Eng. Ltd.	85-03-26	619,377.00	SAJA, Electrical Service Power Conditioning Meteor Electric Ltd SAJA, Miscellaneous Renovations McTavish, McKay & Co. Ltd.	84-08-02	62,013.00
Interim Secure Custody Facilities (Y.O.A.), Renovations to North Wing Graham Construction & Eng. Ltd.	85-02-28	198,502.00	Treasury Branch, Chinook, Expansion & Renovations Mistik Construction Ltd	84-04-06	102,598.00

<b>Camrose</b>		<b>Cypress Hills</b>	
Rosehaven Care Centre, (Fire code upgrading — Ward Buildings)		Provincial Park (Fuel dispensing system at small boat/bicycle rental building)	
Chandos Construction Ltd.	85-02-14	318,900.00	Wil-Den Mechanical Ltd. 84-05-15 7,073.95
Rosehaven Care Centre, Main Building Reroofing		Provincial Park (Chlorination of wells)	
Otto Roofing (Red Deer) Ltd.	84-11-01	84,750.00	Altroc Construction Ltd. 84-05-22 26,586.00
<b>Canmore</b>		<b>Provincial Park</b>	
Canmore Nordic Centre (Model)		(Mechanical & electrical work — Water reservoir)	
Aldrich/Pears Associates Limited	85-02-04	6,400.00	Stark Plumbing & Heating Ltd. 84-05-16 49,560.00
Canmore Nordic Centre Trail Contract #1		Provincial Park (Contract #14, East end day use area, landscape)	
R. Bruce Erickson Construction Ltd.	85-02-21	34,500.00	Alpha Better Landscaping Ltd. 84-05-31 163,595.04
<b>Claresholm</b>		<b>Provincial Park</b>	
ALCB Store		(Water tank winterization)	
Teacon Developments Ltd.	84-05-16	455,700.00	D & H Construction Ltd. 84-08-24 107,000.00
David Lander Centre, Miscellaneous Renovations		Provincial Park (Seasonal staff housing area — Site development)	
Mirtren Contractors Ltd.	84-11-21	168,698.00	Stark Plumbing & Heating Ltd. 84-10-04 234,090.55
<b>Cold Lake</b>		<b>Provincial Park</b>	
Fish Hatchery Contract #2, Hatchery Facilities & Related Work (Walleye Ponds)		Contract #17, Amphitheatre Renovations (Retender)	
Arthur A. Voice Construction Co. Ltd.	84-10-16	1,334,646.00	Alpha Better Landscaping Ltd. 84-11-20 51,571.00
<b>Coronation</b>		<b>Devon</b>	
Provincial Building Alterations		Coal Research Centre (Chain link fencing)	
Timcon Construction Ltd.	84-06-08	738,700.00	Custom Fence 84-08-16 16,992.70
<b>Crowsnest Pass</b>		<b>Coal Research Centre</b>	
Frank Slide Orientation Centre, Interpretive Display Base		(Landscape development)	
Ward Bros. Construction Ltd.	84-12-10	27,999.00	Heritage Landscape Construction Ltd. 84-08-13 64,674.86
<b>Leitch Collieries</b>		<b>Coal Research Centre</b>	
Interpretive Centre, Coke Oven Stabilization		Interior Signage	
J & B Stone	84-10-18	57,700.00	Corcom Systems Ltd. 84-10-22 6,928.00
<b>Didsbury</b>		<b>Didsbury</b>	
Leitch Collieries Interpretive Centre, Installation of Listening Post		Treasury Branch, Renovations	
Wesbridge Construction Ltd.	84-05-17	895.00	R.W.K. Construction Co. Ltd. 84-11-14 74,500.00
Provincial Building (Laboratory furnishings to Room 409)			
Campus Supply Co. Ltd.	84-08-16	21,500.00	
<b>Donnelly</b>		<b>Donnelly</b>	
Transportation Depot (Off-site services — Water & sewer mains)		Transportation Depot	
Estabrook Construction Ltd.		Wolski Building Contractors Ltd.	
		84-10-04 70,278.25	
		85-03-06 768,803.00	

<b>Drumheller</b>						
Tyrrell Museum Of Palaeontology, Midland Provincial Park (Overflow parking)						
Clayton Schrock Trucking Ltd.	84-05-03	53,313.00		Alberta Vocational Centre, Alterations to Teaching Buildings		
Contract #7, Display Hall Lighting Distribution Grid & Public Address Conduit				Ericstad Construction Ltd	84-05-24	464,864.00
Concept Electrical Management Ltd.	84-12-06	167,517.00		Alberta Forest Service Depot, Provision of Fire Separation		
Contract #6, Display Area Infrastructure				Eidse Builders	84-05-16	3,460.85
OMSAC Developments Ltd.	84-12-28	562,169.00		Alberta Forest Service Depot, Office Development		
Contract #8, Display Area Carpeting				Delnor Construction Ltd	85-03-14	148,132.00
Monarch Floors (1953) Ltd.	85-03-04	100,971.00		Alberta Solicitor General Staff College, Field House Renovation		
Courthouse, Courtroom Lighting Alterations				Lorac Construction Ltd	84-05-24	20,317.00
Peevey Electric Ltd.	85-02-21	3,765.00		Alberta Tree Nursery, Header House Cooling Addition		
Fish & Wildlife District Warehousing (Site development — Gravelling)				Edmonton Refrigeration Ltd.	85-02-14	30,700.00
Fair Eye Construction Ltd.	84-09-27	4,850.00		ARC, Phase I, New Administration & Laboratory Buildings, Laboratory Casework & Related Items, Contract #10		
Tyrrell Museum Of Palaeontology (Overflow parking — Site signage)				Pentagon Industries Ltd.	85-01-18	1,712,102.00
Signcraft Ltd.	84-07-16	1,540.00		ARC, Phase I, New Administration & Laboratory Buildings, Mechanical Work, Contract #11		
Tyrrell Museum Of Palaeontology (Contract #5, Conservatory landscaping)				Lockerbie Management Ltd.	85-01-18	1,887,000.00
Suntropicals	84-12-19	263,207.62		ARC, Phase I, New Administration & Laboratory Buildings, Electrical Work, Contract #12		
<b>Edmonton</b>				Western Electrical Constructors Ltd.	85-01-18	119,368.00
Alberta Petroleum Industry Training Centre, Training Rig, Drainage				Bowker Building (Acoustical treatment to mezzanine & 6th Floor)		
Nova Welding Ltd.	84-09-24	5,150.00		J.E. Labbe Interiors Ltd.	84-05-17	13,268.00
Alberta Research Council (ARC), Phase I, New Administration & Laboratory Buildings (Electrical equipment & wire testing)				Bowker Building (Mechanical modifications)		
AME Engineering	85-02-18	1,050.00		H & S Business Enterprises Ltd	84-04-19	59,378.00
ARC, Phase I, New Administration & Laboratory Buildings, Controlled Storage Facilities				Chemical Storage & Support Services Building		
Binder Construction Limited	84-05-31	607,500.00		Pentagon Industries Ltd	84-08-10	1,884,452.00
				Detoxification Centre, George Spady Centre Crosstown Heating & Ventilating Ltd	84-09-26	40,504.00

Eric Cormack Centre (Upgrade mechanical system)			Law Courts Addition, Alterations, Level I West Danwood Interiors Ltd.	84-10-12	3,721.00
Southridge Construction Ltd.	84-09-20	624,180.00	Law Courts Addition, Partition Alterations 5th Floor Library Drycon Interior Contractors	84-09-24	3,200.00
Government Complex, University Farm Site Utility Services & Building Relocations (Sidewalk to Belgravia Road)			Law Courts Addition, Pedway Fire Alarm Canem Systems Ltd.	84-04-12	2,850.00
D & H Concrete Services Ltd.	84-05-15	13,278.70	Law Courts Addition, Phase VI, Minor Alterations H & S Business Enterprises Ltd.	84-06-14	33,940.00
Government Complex, University Farm Site Utility Services & Building Relocations (Miscellaneous site work)			Law Courts Addition, Renovations for Youth Court		
C.V.L. Construction Ltd.	84-06-26	19,014.35	Klein Construction Ltd.	85-02-27	29,970.00
Government Complex, University Farm Site Utility Services & Building Relocations (Site improvements)			Legislature Annex (Old Agriculture Building), Contract #2, Mechanical System Upgrading		
Land Tec Landscape Contractors Ltd.	84-10-11	25,922.00	Southridge Construction Ltd.	84-08-10	704,859.00
Government Complex, University Farm Site Utility Services & Building Relocations (Storm sewer)			Legislature Grounds (Sewer improvements)		
A.K. Construction Ltd.	84-08-02	52,017.00	Kran Construction Ltd.	85-02-07	169,000.00
Holy Redeemer College (Student parking lot)			Legislature Grounds, Landscaping & Utility Upgrading Phase I, New Planters		
O'Hanlon Paving Ltd.	84-08-23	31,953.30	The Cabinet Maker	84-10-10	40,346.00
Information Booth, Government Centre			Legislature Grounds, Phase I, 107th Street Guardrail Addition		
Plumb Construction Ltd.	84-05-07	33,321.00	Acumen Steel Products	84-11-29	5,167.00
J. G. O'Donoghue Building, Electrical Revisions to Records			Legislature Grounds, Reinstate Laneway		
Storage Room			The City Of Edmonton	84-08-02	24,000.00
Western Electrical Constructors Ltd.	84-05-24	1,884.00	McLeod Building, Sidewalk Reconstruction	84-10-04	28,000.00
J. G. O'Donoghue Building, New Agriculture Building, Supply & Install			Redden Construction Ltd.		
Fencing			Medical Examiner Facility, Minor Renovations		
Cascade Fencing Ltd.	84-05-09	1,802.00	Mitchell Construction Ltd.	84-04-04	8,674.00
Law Courts Addition, Phase V, Contract D, Washroom & Control Room Renovations			Medical Examiner Facility, Security Locks		
Danwood Interiors Ltd.	85-01-29	12,418.00	Chubb Security Locksmiths	84-04-10	781.42
Law Courts Addition, Phase V, Vertical Louvre Blinds Levels 5 & 6 (South)			Miscellaneous Demolition Projects, Various, Disposal of Residence		
RGO Office Furnishings Edmonton Ltd.	84-06-07	14,097.00	McColman & Sons Demolition Ltd.	85-01-17	3,795.00

Northern Alberta Jubilee Auditorium (NAJA), External Cladding Retrofit, Phase I — Stage Area			Old St. Stephen's College, Renovations to Boardroom 3rd Floor Lighting		
Camwil Contracting Ltd.	84-07-12	280,300.00	Graham Electric Ltd.	85-02-25	3,330.00
NAJA, Improvements to Audio & Lighting Systems (Spotlight framing, etc.)	84-12-13	31,919.00	Provincial Museum of Alberta, Mechanical Upgrading		
Eden Construction Ltd.			Pentagon Industries Ltd.	85-03-06	968,375.00
NAJA, Improvements to Audio & Lighting Systems, Speaker Cluster	84-10-15	33,752.00	Public Affairs Display Space, Government Centre		
Eden Construction Ltd.			H & S Business Enterprises Ltd.	84-04-13	72,996.00
NAJA, Improvements to Audio & Lighting Systems, Speaker Cluster Hoisting			Queen's Printer Building, Renovations		
Slough Products A Div. Of Slough Estates	84-12-11	25,000.00	Command Electric Ltd.	85-03-15	36,760.00
NAJA, Improvements to Audio & Lighting Systems, Additional Work to Storage Garage			Receiving & Detention Centre, Retrofit Work (Door repair)		
Delnor Construction Ltd.	84-11-29	2,735.00	Trinity Woodworks & Const. Ltd.	84-12-10	4,081.00
NAJA, Improvements to Audio & Lighting Systems, Sound Console First Balcony			Remand Centre, Renovations		
Eden Construction Ltd.	84-11-29	16,236.00	Inpro Interior Project Management	84-11-27	13,138.00
New Facilities (Millwoods) Phase I, Biotechnology Pilot Plant			Rescue Training School Chandos Construction Ltd.	85-03-26	171,502.00
Schendel Plumbing & Heating Ltd.	84-09-11	1,028,100.00	ARC, Clover Bar (Fence relocation)		
NAJA, Miscellaneous Renovations			Custom Fence	84-12-05	1,185.00
Royal Oak Interior Contracting Ltd.	84-06-21	133,738.00	Rosecrest Home, Enclosure of Entrance Ramps & New Sprinkler System		
Office Building & J.G. O'Donoghue Building, Central Monitoring & Control			Delnor Construction Ltd.	85-02-14	91,650.00
O. Huget Enterprises Ltd.	84-09-10	74,390.00	School for the Deaf, Renovations		
Office Building, University Farm Site, Additional Air Handling Unit, Basement			Pentagon Industries Ltd.	84-08-30	428,816.00
Jewell-Dunseath Plumbing & Heating	84-12-28	24,900.00	Sir Frederick W. Haultain Building (Mechanical modifications)		
Office Building, University Farm Site, Multi-departmental Mobile System & Security			Lockerbie and Hole Co. Ltd.	84-04-19	103,700.00
PCL Construction Ltd.	84-09-24	16,000.00	Transportation Building (Relocate water meter)		
Office Building, University Farm Site, Electrical Modifications			Ras-Dam Construction Ltd.	84-06-12	36,809.00
Wyecliff Electric Ltd	85-01-02	79,583.00	Transportation Building, Demolition & Site Regrading		
			Noranda Builders Ltd	84-07-25	465,000.00
			Ukrainian Cultural Heritage Village, Food Kiosk, Air Barriers & Screen Door		
			Watson Tofield (1973) Ltd.	84-07-05	3,470.00

Westfield Centre, Diagnostic Unit #2, Renovations H & S Business Enterprises Ltd.	84-06-08	219,189.00	UCHV, Landscape Development (Seeding of administration area) Cedar Crest Lands Limited	84-05-31	178,385.20
Youth Development Centre (Y.O.A.), Renovations Package #1, Security Fencing McLellan Supply (1984) Ltd.	85-02-06	198,772.00	UCHV, Grain Elevator — Sprinkler System Tower Plumbing & Heating Ltd.	84-07-06	52,645.00
Youth Development Centre (Y.O.A.), Renovations Package #4 Krawford Construction (1984) Ltd.	85-02-21	144,794.00	<b>Fort Macleod</b> Head-Smashed-In Buffalo Jump Visitor Information & Interpretive Centre (Access road & parking) Drain Brothers Construction Ltd.	84-09-04	125,405.00
Youth Development Centre, Renovations Package #2, Players' Boxes			Renovations to Maintenance Facilities J. W. Feltin Heating & Air Cond.	85-02-22	33,525.00
Alberco Construction Ltd.	85-01-10	8,860.00			
<b>Edson</b>					
Fish & Wildlife District Warehousing, Upgrade Existing Warehouse Facilities			Minimum Security Correctional Camp, Extension of Utilities & Site Services (Installation of trailers & utilities)		
Norwest Steel Buildings Ltd.	84-07-24	13,388 00	Carlan Enterprises Ltd.	84-08-03	12,870.00
Medicine Lodge Minimum Security Camp (Relocation — Completion)			Minimum Security Correctional Camp (Blocking, skirting & sidewalks)		
C.V.L. Construction Ltd.	84-06-08	59,975.00	Carlan Enterprises Ltd.	84-10-22	4,615.20
Provincial Building & Courthouse			Provincial Building, Mechanical Alterations		
PCL — Maxam A Joint Venture	85-02-21	9,160,703.00	Quantas Plumbing & Heating Ltd.	84-11-07	98,100.00
Treasury Branch Alterations					
Delnor Construction Ltd.	84-06-15	142,799.00			
<b>Elk Island Park Vicinity</b>					
Ukrainian Cultural Heritage Village (UCHV), Phase IV Interiors, Gift Shop & Staging Area Furniture			<b>Grande Cache</b> Contract #29, Correctional Centre, Miscellaneous Metal		
Tri-P Millwork & Supplies Ltd.	84-04-30	35,168.00	Can Craft Iron Ltd.	84-10-29	124,700.00
UCHV, Storage Compound, Moving of Non-Historic Buildings			Contract #35, Correctional Centre, Living Units, Slab on Grade		
Hardy House Movers	84-05-03	11,800.00	Stuart Olson Construction Ltd.	84-05-08	279,425.66
UCHV, Footings to Existing Buildings (Myrnam Blacksmith Shop)			Contract #37, Correctional Centre, Administration Building, Slab on Grade		
Aljac Construction Ltd.	84-06-20	9,735.00	Stuart Olson Construction Ltd.	84-05-08	66,539.23
UCHV, Electrical Service to Storage Compound					
J & J Electric Ltd.	84-06-20	6,900.00			

Contract #38, Correctional Centre, Steel Stud & Drywall (All areas) Dynamic Interior Systems Ltd.	84-05-11	446,862.00	Contract #52, Correctional Centre, Scissor Lift Argo Engineering Ltd.	84-07-11	8,967.00
Contract #39, Correctional Centre, Administration Building, Interior & Exterior Masonry Hagblom Construction (1974) Ltd.	84-04-26	262,440.00	Contract #53, Correctional Centre, Washroom Accessories DM Hardware Alberta Limited	84-05-24	46,800.00
Contract #40, Correctional Centre, Administration Building, Steel Studs & Drywall Thiele Drywall (1981) Ltd.	84-05-03	47,268.00	Contract #54, Correctional Centre, Millwork Danish Woodwork (1981) Ltd.	84-06-29	144,200.00
Contract #41, Correctional Centre, Living Units, Painting Multi Industrial Coatings Ltd.	84-06-29	106,507.00	Contract #55, Correctional Centre, Miscellaneous Millwork Jasper Millwork Ltd.	84-11-01	29,768.00
Contract #42, Correctional Centre, Painting, Various Areas Taylor Decorating Ltd.	84-07-06	147,770.00	Contract #56, Correctional Centre, Gymnasium Equipment & Bleachers Hussey Seating Co. (Canada) Ltd.	84-05-28	17,227.00
Contract #43, Correctional Centre, Acoustic Ceilings C.C.S. Component Ceiling Systems Ltd.	84-05-31	637,155.00	Contract #58, Correctional Centre, Double Acting Doors Thermo Design Insulation Ltd.	84-08-20	1,951.00
Contract #44, Correctional Centre, Ceramic & Quarry Tile (All areas) Lorenzon Concrete Ltd.	84-07-06	207,377.00	Contract #60, Correctional Centre, Access Flooring Kerr Interior Systems Ltd.	84-05-16	26,772.00
Contract #45, Correctional Centre, Area C, Industrial, Slab on Grade Stuart Olson Construction Ltd.	84-08-23	138,500.00	Contract #61, Correctional Centre, Chalk & Tackboards Modern Architectural Specialties Ltd.	84-07-11	5,446.00
Contract #46, Correctional Centre, All Areas, Carpet & Sheet Flooring Monarch Floors (1953) Ltd.	84-07-25	317,510.00	Contract #65, Correctional Centre, Exterior Piling Western Caissons Ltd.	84-05-16	75,136.30
Contract #49, Correctional Centre, Folding Doors Division Ten Enterprises Inc.	84-10-03	27,800.00	Contract #67, Correctional Centre, Reclamation (Hydroseeding) Noble Landscapes & Tree Farms Ltd.	84-07-12	29,864.00
Contract #51, Correctional Centre, Lockers & Washroom Partitions Sinex Industries Ltd.	84-07-25	33,900.00	Contract #68, Correctional Centre, Landscaping Clareview Landscaping Ltd.	84-07-12	254,200.00
			Contract #69, Correctional Centre, Security Fences & Grade Beams Matt's Manufacturing Limited	84-06-29	597,897.00

Contract #70, Correctional Centre, Site Concrete Zumbo Bros. Concrete Ltd.	84-07-25	215,468.00		
Contract #71, Correctional Centre, Gravel Roadways & Parking Areas Pat Garrett General Trucking Ltd.	84-06-21	301,047.00		
Contract #74, Correctional Centre, Cell Fittings Actiplast Industries Ltd.	84-06-08	415,490.00		
Contract #78, Correctional Centre, Special Wall Coatings J. Mason & Sons Ltd.	84-07-06	110,300.00		
Contract #80, Correctional Centre, Special Floor Coatings J. Mason & Sons Ltd.	84-07-06	137,860.00		
Contract #83, Correctional Centre, Prefinished Cabinet Work Danish Woodwork (1981) Ltd.	84-06-29	67,200.00		
Contract #84, Correctional Centre, Portable Folding Stage A. C. Johnson Agencies Ltd.	84-07-09	3,410.90		
Fish & Wildlife District Warehousing, Upgrade Facilities Tredwin Construction Ltd.	84-04-19	59,895.00		
Correctional Centre, Dust Collecting Systems & Related Equipment Mint Systems Ltd.	84-09-06	25,550.00		
Correctional Centre, Miscellaneous Concrete Work, Administration Area Stuart Olson Construction Ltd.	84-12-14	86,000.00		
Provincial Building (Carpeting of court area) Timberjack Building Supplies	84-12-10	1,886.40		
<b>Grande Prairie</b>				
Courthouse, Supply & Install New Door, Sidelight & Frame HWD Construction Ltd.	84-06-25	1,664.00		
Courthouse, Supply & Install Additional Lighting Fixtures Norlite Electrical Contracting Ltd.	84-06-26	2,840.00		
<b>Hanna</b>				
Jury Box Platform, Courthouse, Provincial Building Big Country Const. & Bldg. Supplies Ltd.	84-11-02	184.00		
<b>High Level</b>				
Alberta Opportunity Corps (Relocate classroom from Calgary to High Level) ATCO Structures	85-03-14	9,225.00		
Minor Renovations, Provincial Building (Site development, parking lot drainage improvements) PSC Holdings Ltd.	84-09-11	5,129.00		
<b>Hinton</b>				
Blue Lake Centre (Handicap ramp renovations) Norwest Steel Buildings Ltd.	84-04-30	2,795.00		
Courthouse, Renovations to Courtroom Lighting & Doors Tredwin Construction Ltd.	85-03-05	16,236.00		
Forest Technology School, Dining Room Renovations H & S Business Enterprises Ltd.	84-11-22	65,670.00		
<b>Jasper</b>				
Provincial Building, Courtroom Lighting Renovations Jasper Woodworking	85-03-05	6,465.00		
<b>Kananaskis</b>				
Family Recreation Centre (Deficiency clean-up) Can-Sco (Western) Contractors Ltd.	84-04-06	5,670.00		
Gooseberry Travel Alberta Information Centre (Window installation) Dalco Construction Ltd.	84-09-19	1,295.00		

Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Miscellaneous landscaping)			Contract #7, Alberta Vocational Centre, Hard Landscaping		
Michele's Landscaping Ltd.	84-07-11	21,480.00	Antioch Construction Corp.	84-10-02	1,447,818.00
Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Campers' Centre sign)			Minimum Security Correctional Camp (Trailer replacement) (Retender)		
Abba Signs	84-08-01	679.00	Lake Country Builders Ltd.	84-10-22	24,670.80
Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Highway 40 sign)			Provincial Building (Additional parking lot)		
Abba Signs	84-08-29	15,932.00	A & T Construction & Transit Mix Ltd.	84-08-23	34,093.00
Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Miscellaneous landscaping — Part II)			Renovations to Maintenance Facilities, Replacement of Damaged Hydraulic Hoist		
Rymark Contracting Ltd.	84-09-04	6,890.00	R.W.K. Construction Co. Ltd.	84-05-31	76,000.00
Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Miscellaneous painting)			<b>Lacombe</b>		
Acme Commercial Painting Alberta Ltd.	84-09-17	2,394.00	ALCB Store, Repair of Sliding Doors		
Kananaskis Country Recreation Plan, Fortress Junction Service Centre (Paving)			Ren-Dex Construction Ltd	84-04-17	745.00
Volker Stevin Contracting Ltd.	84-04-13	46,430.00	Provincial Building, Renovations of ALCB Store to Health Unit (Vestibule addition)		
Kananaskis Country Recreation Plan, Bicycle Trails — Phase III (Paving)			Griffin Construction Ltd.	84-10-29	15,400.00
Metro Paving Ltd.	84-04-13	199,777.25	<b>Leduc</b>		
Kananaskis Country Recreation Plan, Regional Utilities (Staff housing — Site work & utilities)			Food Processing Development Centre, Cleanable Ceiling, Process Area Mezzanine		
Whissell Engineering Ltd.	84-06-08	321,436.95	Thermo Design Contracting	85-02-11	18,512.00
Mount Kidd Recreation Vehicle Park (Garage/dry storage building)			Food Processing Development Centre, Complete Painting & Mechanical Deficiencies		
Fenka Construction Ltd.	85-01-09	66,475.00	Norman Nilsen Construction Ltd.	84-04-05	154,098.00
Mount Kidd Recreation Vehicle Park (Miscellaneous works)			Food Processing Development Centre, Wet Processing Room Floor Repairs		
MidAlta Electric Ltd.	85-03-05	4,748.20	Desco Coatings Of Alberta Ltd.	85-03-06	23,738.00
<b>Lac La Biche</b>			<b>Lethbridge</b>		
Alberta Opportunity Corps (Relocate classroom from Calgary to Lac La Biche)			Correctional Centre, Security Fire Hose Cabinets — Door Pulls		
Scott's House Movers	85-03-07	7,000.00	Ted Czarny Construction	85-01-28	1,218.99
			Courthouse (Courtroom lighting)		
			Parsons Electric (1975) Ltd.	85-02-19	16,882.00

Courthouse, Plaza Addition Cedar Crest Lands Limited	84-05-16	14,966.00	Mount Allan Ski Area Development, Ski Trail Modifications — Phase I Standard General Construction Limited	84-10-12	24,300.00
Disposal of Garage & Two Residences, Lakeside Community Correctional Centre			Nakiska Ski Area at Mount Allan (Construction signs)		
Dueck Enterprises Ltd.	84-10-04	1,600.00	Abraxas Sign Servicing Ltd.	84-07-25	4,247.00
<b>Lloydminster</b>			Nakiska Ski Area at Mount Allan (Pipe sleeve under access road)		
Courtroom Alterations, Provincial Building Golden Crest Construction Ltd.	85-01-21	7,753.00	Tricat Enterprises Ltd.	84-07-30	11,412.00
Travel Information Centre (Access road)			Nakiska Ski Area at Mount Allan Cross- Country Ski Trails — Realignment		
ASL Paving Ltd.	84-08-01	23,331.50	Cedar Crest Lands Limited	84-11-13	45,172.20
Travel Information Centre Watson Tofield (1973) Ltd.	84-05-24	655,340.00	Nakiska Ski Area at Mount Allan (Domestic water pump)		
<b>Manning</b>			Quasar Mechanical Ltd.	85-01-03	23,200.00
Fish & Wildlife District Warehousing, Upgrading			Nakiska Ski Area at Mount Allan (Snow clearing)		
T.H. Gust Builders Ltd.	84-12-05	11,300.00	Samoyed Management Ltd.	84-12-04	17,940.00
<b>Markerville</b>			Nakiska Ski Area at Mount Allan (Ski trail modifications — Phase II)		
Stephansson House Interpretive Centre, Visitor's Facility (Water supply — Iron filter)			Samoyed Management Ltd.	84-12-04	20,565.00
Bruin's Plumbing Ltd.	84-05-04	9,250.00	Nakiska Ski Area at Mount Allan, Ski Trail Clearing		
Stephansson House Interpretive Centre, Security Gates			Tricat Enterprises Ltd.	84-07-12	586,230.00
Parkland Builders	84-09-28	2,520.00	Nakiska Ski Area at Mount Allan, Mountain Road		
<b>Morinville</b>			W.A. Cook & Sons Ltd.	84-07-18	151,847.50
Provincial Building (Interior landscape development)			Nakiska Ski Area at Mount Allan, Off-site Sewer & Main Water Line		
Smith And Gordon Horticulturists Ltd.	84-04-09	5,276.00	Whissell Engineering Ltd.	84-08-30	447,799.00
<b>Mount Allan</b>			Nakiska Ski Area at Mount Allan Ski Trail Revegetation		
Mount Allan Ski Area Development (Water well construction)			Tricat Enterprises Ltd.	84-09-10	255,443.00
Camfield Drilling Services Ltd.	84-07-11	37,555.00	Nakiska Ski Area at Mount Allan (Base area — Rough grading)		
Mount Allan Ski Area Development (Aquifer testing)			Wollersheim Earth Moving Co. Ltd.	84-09-19	353,450.00
Aqua-Flo Testing And Equipment Ltd.	84-08-09	12,780.00	Nakiska Ski Area at Mount Allan, Ski Lifts		
Mount Allan Ski Area Development (Mount Allan model)			Doppelmayr Lifts Ltd.	84-10-18	3,992,300.00
Aldrich/Pears Associates Limited	84-08-20	7,075.00			

Nakiska Ski Area at Mount Allan, Base Area — Utilities			Provincial Correctional Camp Trailers (Site services)		
Sonmor Excavating Ltd.	84-11-01	379,891.00	Roz Con Construction Ltd.	85-01-30	110,001.00
Nakiska Ski Area at Mount Allan (Equalization tank & water reservoir)			<b>Olds</b>		
Gil Hansen & Co. General Contractors Ltd.	84-11-08	327,341.00	Fish & Wildlife District Warehousing, Upgrade Existing Facilities		
Nakiska Ski Area at Mount Allan, On-site Electrical Distribution System (Underground primary cable 25 kV)			4-A Contractors Ltd.	84-04-12	40,155.00
Canada Wire And Cable Ltd.	85-01-17	155,725.16	<b>Oliver</b>		
Nakiska Ski Area at Mount Allan, On-site Electrical Distribution System (25 kV metal enclosed switchgear)			Miscellaneous Demolition Projects, Various, Provincial Poultry & Dairy Farm		
Babco Electric & Engineering Ltd.	85-01-31	111,368.00	Auson Construction Co. Ltd.	84-09-20	2,485.00
Nakiska Ski Area at Mount Allan, On-site Electrical Distribution (Transformers)			Provincial Tree Nursery (Gas pumps)		
Federal Pioneer Ltd.	85-02-05	132,044.00	W.R. Pump Service	84-05-10	24,862.00
Nakiska Ski Area at Mount Allan, On-site Electrical Distribution System (25 kV metal switching cubicles)			Provincial Tree Nursery, Washroom Expansion Packing Shed Facility		
Electric Power Limited	85-03-15	126,175.00	Keller Construction Ltd.	84-09-06	22,008.00
Olympic Alpine Venue Recreation Ski Component			<b>Oyen</b>		
Standard General Construction Limited	84-05-11	2,200.00	Special Areas Board, Office Building		
Nakiska Base Lodge Building (Foundations)			Wayne Kenny Construction Ltd.	84-12-20	352,264.00
Penn-Co Construction	84-11-15	176,680.00	<b>Peace River</b>		
Base Lodge Building			Correctional Centre, Vocational Workshop, Upgrading Security Doors		
Ellis-Don Management Services Ltd.	85-01-31	2,783,000.00	Odessa Distributors Ltd.	85-01-28	5,267.22
Maintenance Building			Forest Headquarters (Fencing & gate relocation)		
Greene Construction (1981) Ltd.	84-10-10	341,100.00	Lavergne Construction Ltd.	85-01-22	8,713.00
<b>Nordegg</b>			<b>Ponoka</b>		
Provincial Correctional Camp Trailers (Foundations)			Fish & Wildlife District Warehousing, Upgrade Warehouse Facilities		
Western Caissons Limited	85-02-13	19,200.00	Van Veen Construction Ltd.	84-05-16	45,900.00
Provincial Correctional Camp Trailers (Trailer installation)			Renovations to Existing Court Buildings, Upgrade to Present Standards		
ATCO Structures	85-02-27	49,940.00	Sommer Bros. Contractors Ltd.	85-03-27	25,941.00
<b>Provost</b>			<b>Provost</b>		
			Fish & Wildlife District Warehousing (Upgrading)		
			Ko-Gan Construction Ltd.	85-01-16	59,799.34
<b>Rainbow Lake</b>			<b>Rainbow Lake</b>		
			Maintenance & Repair Depot, 4-Stall Garage (Deficiency clean-up)		
			Noranda Builders Ltd.	84-05-31	99,550.00

<b>Red Deer</b>				
Michener Centre, Electrical System Upgrading				
Timcon Construction Ltd.	84-04-05	494,800.00		
Michener Centre, Upgrade Resident Facilities, Electrical 25 kV Service Extension Westinghouse Canada Inc.	85-01-18	42,760.00		
Michener Centre, Upgrade Resident Facilities, Electrical 25 kV Service Extension Newland Contracting (South) Ltd.	85-02-21	173,400.00		
Michener Centre, Upgrade Resident Facilities, Elevator/Laundry Addition				
Timcon Construction Ltd.	85-01-30	401,424.00		
<b>Rimbey</b>				
Maintenance & Repair Depot, 4-Stall Garage (Deficiency clean-up)				
Van Hoek Construction Ltd.	84-05-03	985.00		
<b>Rocky Mountain House</b>				
Alberta Opportunity Corps (Relocate classroom from Calgary to Rocky Mountain House)				
York Shaw Building Movers Ltd.	85-03-01	11,200.00		
Alberta Opportunity Corps (Site services for classrooms)				
Bee & Bee Plumbing & Heating (1979) Ltd.	85-03-15	4,117.00		
Forestry Headquarters, Surface Drainage				
Graham & Hansen Enterprises Ltd.	84-07-16	24,628.00		
Provincial Building (Supplementary parking space)				
Border Paving Ltd.	84-10-29	30,632.25		
Provincial Building, Tenant Improvements				
The Partition Contractors	84-06-17	377,750.00		
<b>Rycroft</b>				
Treasury Branch, Interior Deficiency Clean-up				
K. Shaw & Sons Contracting Ltd.	84-12-12	1,480.00		
<b>Sentinel</b>				
Travel Alberta Information Centre, Official Opening Clean-up				
Getkate Construction (1976) Ltd.			84-05-03	34,985.00
<b>Sherwood Park</b>				
Transportation Depot				
Pentagon Industries Ltd.			85-03-20	1,269,849.00
<b>Smoky Lake</b>				
Pine Ridge Forest Nursery (Pre-settlement reservoir) (Retender)				
Fort Services & Ditching Ltd.			84-08-02	182,000.00
<b>St. Albert</b>				
ALCB Central Offices, Computer Room System Cooling				
Gateway Refrigeration Ltd.			84-06-29	45,390.00
Courthouse, Repair Work to Brick Veneer				
Friese Management & Development Ltd.			84-09-25	8,944.00
Poundmaker Lodge & Nechi Training School (Irrigation system)				
Foxcroft Irrigations			84-05-09	19,771.87
Provincial Building (Off- site catch basin lead)				
CV.L. Construction Ltd.			84-08-17	8,538.00
<b>St. Paul</b>				
Public Lands Division Warehouse (Fish & Wildlife compound area)				
Bert Pratch Construction Ltd.			84-12-07	32,988.00
<b>Stettler</b>				
Fish & Wildlife District Warehousing (Upgrading)				
Saracen Construction (1974) Ltd.			85-03-14	26,323.00
<b>Stony Plain</b>				
Provincial Courthouse, Alterations of Courtroom Mechanical Systems				
Crosstown Heating & Ventilating Ltd.			84-07-17	17,962.00
<b>Strathmore</b>				
Southern Alberta Youth Development Centre, Renovations				
Mirtren Contractors Ltd.			84-05-30	70,254.00
<b>Sundre</b>				
Courthouse Addition				
Shipperly Builders Ltd.			84-10-29	17,575.00

<b>Trochu</b> ALCB Store LinAlta Contractors	84-09-21	265,995.00	Portable Classroom Facilities (Renovate & relocate portable from Airdrie to Westbrook School, M.D. of Rocky View) Big Island Construction Ltd.	84-06-19	21,800.00
<b>Valleyview</b> Fish & Wildlife District Warehousing (Deficiency clean-up) Lavergne Construction Ltd.	84-10-04	3,393.00	Portable Classroom Facilities (Renovate & relocate portable from Spruce Grove to Paradise Valley) ATCO Structures	84-06-19	18,798.00
<b>Vancouver</b> Alberta Pavilion, Expo 86 (Foundations) Farmer Construction Ltd.	85-01-24	134,312.00	Portable Classroom Facilities (Site services, Chris Akkerman School, Calgary)	84-06-21	4,505.00
<b>Alberta Pavilion, Expo 86, Construction Component</b> V.K. Mason Construction Ltd.	85-03-13	2,536,000.00	Cal Air Mechanical	84-07-04	6,795.00
<b>Alberta Pavilion, Expo 86, Disposal &amp; Site Restoration Component</b> V.K. Mason Construction Ltd.	85-03-13	66,145.00	Portable Classroom Facilities (Site services, E.H. Walter School, Paradise Valley) P & H Mechanical Ltd.	84-08-01	8,796.00
<b>Various Locations</b> Portable Classroom Facilities (Carstairs, Cochrane, Sherwood Park) Kainai Industries Ltd.	84-06-19	214,830.00	Portable Classroom Facilities (Site services, Strathcona Christian Academy, County of Strathcona)	84-08-03	6,866.00
Government Buildings, Forestry Yard — Peace River (Water supply line replacement) A & G Enterprises Ltd.	84-10-17	91,350.00	Ray Sylvester Enterprises	84-08-03	7,890.00
Miscellaneous Demolition Project (Provincial Building, Stettler) Disposal of Residences	84-09-04	42,950.00	Action Plumbing & Heating Ltd.	84-08-10	6,460.00
Border Paving Ltd.			Portable Classroom Facilities (Site services, Coaldale Christian Academy, Coaldale)		
Portable Classroom Facilities (Renovate & relocate portable from Calgary to Camrose) Big Island Construction Ltd.	84-11-28	26,740.00	Triple J Contracting		
Portable Classroom Facilities (Site services, Sifton School, Camrose) Burmec Plumbing & Heating Ltd.	84-11-28	6,195.00	Portable Classroom Facilities (Site services, Hugh Sutherland School, Carstairs)		
Portable Classroom Facilities (Renovate & relocate portable from Didsbury to Calgary) Big Island Construction Ltd	84-06-07	15,800.00	Cal Air Mechanical		
			Portable Classroom Facilities (Site services, Millgrove School, Spruce Grove)		
			Ray Sylvester Enterprises	84-10-12	11,775.00
			Portable Classroom Facilities (Renovate, relocate & service portable — Cessford)		
			Big Island Construction Ltd	84-10-25	23,424.00

Portable Classroom Facilities (Renovate & relocate portable from Calgary to Onoway)			Site Development (Transportation Yard, Morinville) (Chain link fencing)		
Big Island Construction Ltd.	84-11-02	51,479.00	Custom Fence	84-09-13	4,561.05
Portable Classroom Facilities (Site services, Onoway Elementary School, Onoway) C.V.L. Construction Ltd.	84-11-05	5,890.00	Site Development (Transportation Yard, Kananaskis) (Sand/salt storage pad)	Metro Paving Ltd.	84-10-18
Portable Classroom Facilities (Site services, Westbrook School, M.D. of Rocky View)			Site Development (Transportation Yard, Czar) (Sanitary sewer)	T. Gabert & Son Construction Ltd.	84-10-05
Sonmor Excavating Ltd.	84-07-26	9,992.00	Site Development (Transportation Yards: Caroline, Castor, Nordegg) (Paving — salt storage pad)	Border Paving Ltd.	84-10-05
Renovations & Improvements (Landscape development, Forest Headquarters & Drivers' Examination)			Site Development (Transportation Yards: Duchess, Elkwater)	South Rock Ltd.	84-10-05
K. Shaw & Sons Contracting Ltd.	84-09-10	56,330.00	Vegreville		
Renovations to Maintenance Facilities (Transportation Yard, Rainbow Lake) (Modifications to salt pipes)			Alberta Environmental Centre, Computer Cabling	R & T Electric Services Ltd.	85-02-01
Northern Services (High Level)(1978) Ltd	84-12-27	2,965.00			11,673.00
Renovations to Maintenance Facilities (Transportation Yards: Beiseker, Black Diamond, Canmore, Chestermere, Elbow Falls)			Alberta Environmental Centre, Laboratory Facilities, 1984	Southridge Construction Ltd.	85-01-17
Big Island Construction Ltd.	84-12-27	12,239.00			465,381.00
Renovations to Maintenance Facilities (Modifications to salt pipes) (Transportation yards: Bonnyville, Clyde, Egremont, Grand Centre, Leduc)			Alberta Environmental Centre, Laboratory Development 1984, D Wing 2nd Floor Computer Centre	Binder Construction Ltd.	84-06-08
Big Island Construction Ltd.	85-02-14	16,289.00			147,500.00
Site Development Improvements at Various Locations (Transportation Yard, Valleyview)			Courthouse Renovations	Watson Tofield (1973) Ltd.	84-04-26
Phillip's Landscaping & Bobcat Service	84-08-01	25,894.89	Watson Tofield (1973) Ltd.		36,100.00
Site Development (Transportation Yard, Gleichen) (Concrete fuel pump island)			Regional Waterline Reclamation Work (NW $\frac{1}{4}$ Sec. 19-53-16-W4)	Steve's Landscape Service Ltd.	84-09-17
ASTY Concrete & Construction Ltd.	84-08-14	7,061.84			12,775.00
			Vermilion		
			Courtroom Alterations, Provincial Building	MacFarlane Construction Ltd.	84-06-15
					4,135.00
			Wetaskiwin		
			Courthouse, Lighting Renovations	Derryl Toews Construction Ltd.	84-05-16
					17,499.00

Miscellaneous Demolition  
Projects, Disposal of  
4-Stall Garage Ruins  
Bell B.J. Demolition 84-12-05 3,700.00

Reynolds Alberta  
Museum, Phase I, Storage  
Structure  
Ren-Dex Construction Ltd. 84-09-20 635,940.00

Transportation Depot, Salt  
Shed  
Condor Constructors Ltd. 84-10-11 58,860.00

Wetaskiwin Centre,  
Addition & Alterations  
Tarad Industries Ltd. 85-03-14 153,680.00

**Youngstown**

Miscellaneous Demolition  
Projects, Disposal of  
Pleasantview Home  
Bell B. J. Excavating 84-11-06 12,700.00

Youngstown Home (Post-  
occupancy modifications)  
Gil Hansen & Co. 85-03-29 115,769.00

A total of 359 projects were awarded in the 1984-85  
fiscal year with a total tendered value of  
\$77,949,181.53.

# Capital Development Contracts Completed

## Appendix 3

Location – Project General Contractor	Acceptance Date	Total Cost			
<b>Allison Creek</b> Alberta Brood Trout Farm, (Sand filter repair) Kenonic Controls Ltd.	85-01-31	11,244.00			
<b>Ardmore</b> Alberta Opportunity Corps (Relocate classroom from Calgary to Ardmore) Scott's House Movers	85-03-19	7,000.00			
<b>Aspen Beach</b> Provincial Park, Shower Building Renovations Van Hoek Construction Ltd.	84-05-28	18,686.60			
<b>Athabasca</b> Provincial Building, Additional Parking Appleton Construction Ltd.	84-07-30	159,651.00			
<b>Barrhead</b> Alberta Correspondence School (Supply & install exhaust hood) Brightside Enterprises	84-04-16	12,414.15			
Maintenance & Repair Depot (Fencing) Phoenix Fence Co. Ltd.	84-11-22	8,343.00			
<b>Black Diamond</b> Treasury Branch, Addition & Renovations (Retender) Hornstrom Bros. Construction Ltd.	84-04-05	178,802.19			
<b>Blairmore</b> Fish & Wildlife District Warehouse (Warehouse facilities) Gero Construction	84-12-06	180,258.06			
<b>Bonnyville</b> Maintenance Garage, 9-Stall Garage & Related Facilities (Insulation conversion) Overhead Door Co.	84-07-17	4,824.00			
Multi-Purpose Recreation Building (Landscape development) Westgrow Landscaping Ltd.	84-07-25	36,278.50			
<b>Brooks</b> Alberta Horticultural Research Centre, Renovations to Existing Facilities & Storage Shed, Renovations to Staff House Genstar Properties Limited			84-10-23	101,116.60	
Wildlife Centre (Upgrading services, paving & display building)					
Brooks Asphalt & Aggregate Limited			84-07-12	237,279.10	
<b>Calgary</b> ALCB Warehouse, Partial Reroofing Wm. Clark Roofing Ltd.	85-01-04			43,165.08	
Alberta Vocational Centre, Renovations to Parking Facilities, Alterations to Teaching Area Centrum Interiors Ltd.	85-01-31			156,799.30	
Baker Centre, Renovations Contract #4, Wall Protection System Topaz Contracting Ltd.	84-07-12			37,070.00	
Baker Centre, Renovations Contract #5, Miscellaneous Renovations Hurst Construction Co. Ltd.	84-07-12			14,144.64	
Baker Centre, Renovations Contract #1, Safety Floor Installation Rundle Floors & Fabrics Ltd.	84-06-11			18,577.00	
Baker Centre, Renovations Contract #2, Carpet Installation Nicks Flooring Service Ltd.	84-06-11			19,867.00	
Baker Centre, Renovations Contract #3, Vista West Alterations Hurst Construction Co. Ltd.	84-04-27			15,742.00	

Core Research Centre, Landscaping Deficiency Correction Cedar Crest Lands Limited	84-07-30	20,098.50	Fish Creek Provincial Park (Contract 33B — Washroom, Area 2) Four Ways Construction Ltd.	84-05-09	94,500.00
Core Research Centre, Architectural Deficiency Clean-up Capton Holdings Ltd.	85-01-21	81,184.48	Fish Creek Provincial Park (Contract 33A — Shaw's Meadow Information Centre, Area 3) Master Craft Homes Ltd.	84-07-05	205,451.00
Core Research Centre, Electrical Deficiency Clean-up Wilkinson Electric Co. Ltd	84-11-09	4,750.00	Medical Examiner Facility, Mezzanine Cooling Fred Deeves & Sons (1981) Ltd.	84-06-15	8,438.00
Core Research Centre, Rooms 183, 185, 190 & 193			Provincial Court, Renovations Lear Construction Services Ltd.	84-12-07	139,112.88
Arpi's Industries Ltd.	84-07-31	7,900.00	Remand Centre, Renovations to Existing Remand Centre, Phase II Lear Construction Services Ltd.	84-12-07	264,425.10
Core Research Centre, Supply & Install Display Cabinets			Renovations to Existing Court House, Asbestos Encapsulation Air-Way Texturing & Insulation Ltd.	85-01-07	189,735.00
Artek Contracting Ltd.	84-06-13	6,350.00	Southern Alberta Institute of Technology, Flow Control System Chisholm Mechanical Contractors Ltd.	84-06-26	23,981.00
Correctional Centre, Interim Accommodation, Young Offenders Act, Renovation to West Wing Graham Construction & Eng. Ltd.	85-02-11	19,980.00	Southern Alberta Jubilee Auditorium (SAJA), Electrical Metering O. J. Electric Ltd.	84-10-03	18,126.00
Correctional Centre (Electrical for security cameras)			SAJA, External Cladding Retrofit, Phase I — Stage Area Graham Construction & Eng. Ltd.	84-11-21	267,756.83
M.D.S. Electric Ltd.	84-07-20	8,172.00	SAJA, Functional Upgrading & Refurbishing (Parking) Sonmor Excavating Ltd.	84-07-20	43,715.00
Family & Juvenile Courtrooms, Additional Carpeting & Acoustical Treatment Woodwards Contract Sales	84-12-19	5,968.00	SAJA, Electrical Service Power Conditioning Meteor Electric Ltd.	84-10-04	61,763.00
Family & Juvenile Courtrooms, 3rd Floor Integra Contracting Ltd.	85-01-02	43,928.50	SAJA, Miscellaneous Renovations McTavish, McKay & Co Ltd.	84-09-17	46,280.38
Fish Creek Provincial Park (Access control station) Four Ways Construction Ltd	84-05-09	14,454.00			
Fish Creek Provincial Park (Contract 30F — Miscellaneous fencing) Four Ways Construction Ltd.	84-10-11	19,500.00			
Fish Creek Provincial Park (Area 1 — Access road upgrading) Standard General Construction Limited	84-11-20	5,456.00			

Treasury Branch, Chinook, Expansion & Renovations Mistik Construction Ltd.	84-09-28	106,598.90	Provincial Park (Elkwater Shorefront Development, Phase IV, Contract #11, Boat launches)	Cummins Developments Ltd.	84-06-28	112,569.80
<b>Canmore</b>						
Canmore Nordic Centre (Model)			Provincial Park (Seasonal staff housing, sewer & water)	Cee Gee Earthmoving Ltd.	84-07-09	236,849.95
Aldrich/Pears Associates Limited	85-02-15	6,400.00	Cold Lake	Provincial Park (Contract #14 — East end day use area, landscape)		
<b>Claresholm</b>				Alpha Better Landscaping Ltd.	84-10-04	163,595.04
ALCB Store				<b>Devon</b>		
Teacon Developments Ltd.	84-12-10	455,251.13	Fish Hatchery (Contract #1 — Earthwork, pumphouse & pipelines)	Coal Research Centre (Chain link fencing)		
<b>Cold Lake</b>			Fort Services & Ditching Ltd.	Custom Fence	84-08-31	16,992.70
Fish Hatchery (Contract #1 — Earthwork, pumphouse & pipelines)			84-07-13	Coal Research Centre (Phase IV — Site services)		
Fort Services & Ditching Ltd.	84-07-13	1,984,000.00		Sherwood Park Paving Ltd.	84-08-20	555,818.48
<b>Crowsnest Pass</b>				<b>Drumheller</b>		
Frank Slide Orientation Centre, Interpretive Display Base				Tyrrell Museum of Palaeontology, Midland Provincial Park (Overflow parking)		
Ward Bros. Construction Ltd.	85-02-07	30,190.91		Clayton Schrock Trucking Ltd.	84-06-06	53,313.00
Leitch Collieries Interpretive Centre, Installation of Listening Post				Courthouse New Facility (Landscape development)		
Wesbridge Construction Ltd.	84-05-20	895.00		P.E. Landscape Contractors Ltd.	84-06-08	52,249.50
Provincial Building (Laboratory furnishings to Room 409)				Fish & Wildlife District Warehousing (Site development — Gravelling)		
Campus Supply Co. Ltd.	85-03-28	21,500.00		Fair Eye Construction Ltd.	84-11-21	4,850.00
<b>Cypress Hills</b>				Tyrrell Museum Of Palaeontology (Overflow parking — Site signage)		
Provincial Park (Fuel dispensing system at small boat/bicycle rental building)				Signcraft Ltd.	84-07-30	1,540.00
Wil-Den Mechanical Ltd.	84-07-20	7,073.95	<b>Edmonton</b>			
Provincial Park (Chlorination of wells)			ALCB, Specialty Store, Store Sign			
Altroc Construction Ltd.	84-08-09	26,586.00	J. K. Campbell & Associates Ltd.	84-10-10	14,086.00	
Provincial Park (Elkwater Shorefront Development, Phase V, Contract #13, Roads & utilities)						
Lawrence Meier Trucking Ltd.	84-07-09	430,365.00				

Alberta Petroleum Industry Training Centre, Training Rig, Drainage			J. G. O'Donoghue Building, Electrical Revisions to Records Storage Room		
Nova Welding Ltd.	84-11-16	5,150.00	Western Electrical Constructors Ltd.	84-07-10	1,884.00
Alberta Vocational Centre, Alterations to Teaching Buildings			J. G. O'Donoghue Building, New Agriculture Building, Supply & Install Fencing		
Ericstad Construction Ltd.	85-01-09	495,912.35	Cascade Fencing Ltd.	84-06-22	1,802.00
Alberta Forest Service Depot, Provision of Fire Separation			Juvenile Receiving & Detention Centre, Mechanical Renovations & Code Requirement		
Eidse Builders	84-07-05	3,460.85	Rescom Development Group Ltd.	84-08-24	10,144.82
Alberta Solicitor General Staff College, Field House Renovation			Law Courts Addition, Phase V(j), Bronze Signage		
Lorac Construction Ltd.	84-10-04	24,890.32	Gallagher's Manufacturers Agents Ltd.	84-05-17	23,993.95
Bowker Building (Acoustical treatment to mezzanine & 6th Floor)			Law Courts Addition, Phase V, Vertical Louvre Blinds Levels 5 & 6 (South)		
J.E. Labbe Interiors Ltd.	84-08-29	13,268.00	RGO Office Furnishings Edmonton Ltd.	84-11-27	14,097.00
Bowker Building (Mechanical modifications)			Law Courts Addition, Alterations, Level I West		
H & S Business Enterprises Ltd.	84-11-16	62,473.57	Danwood Interiors Ltd.	84-12-10	3,846.00
Government Complex, University Farm Site Utility Services & Building Relocations (Sidewalk to Belgravia Road)			Law Courts Addition, Pedway Fire Alarm		
D & H Concrete Services Ltd.	84-06-11	13,278.70	Canem Systems Ltd.	84-05-16	2,850.00
Government Complex, University Farm Site Utility Services & Building Relocations (Miscellaneous site work)			Law Courts Addition, Phase VI, Minor Alterations		
C.V.L. Construction Ltd.	84-11-20	19,014.35	H & S Business Enterprises Ltd.	85-01-17	36,040.00
Government Complex, University Farm Site Utility Services & Building Relocations (Storm sewer)			Legislature Grounds, Landscaping & Utility Upgrading (Supply & install handrails)		
A.K. Construction Ltd.	84-09-04	52,017.00	Chandos Construction Ltd.	84-04-27	2,950.00
Holy Redeemer College (Student parking lot)			Legislature Grounds, Landscaping & Utility Upgrading Phase I, New Planters		
O'Hanlon Paving Ltd.	84-11-08	31,953.30	The Cabinet Maker	84-12-11	40,346.00
Information Booth, Government Centre			Legislature Grounds, Reinstate Laneway		
Plumb Construction Ltd.	84-11-01	33,699.00	The City Of Edmonton	85-01-16	24,000.00

Legislature Grounds, Revisions To Handrails			Remand Centre, Development of Unassigned Basement
Totem Welding Ltd.	84-04-27	2,191.60	(CCTV conduit installation)
McLeod Building, Sidewalk			Dynamic Electric
Reconstruction			Service & Supply Ltd.
Redden Construction Ltd.	84-12-19	26,237.55	84-04-09 15,143.00
Medical Examiner Facility, Minor Renovations			School for the Deaf, Renovations
Mitchell Construction Ltd.	84-05-27	8,674.00	Pentagon Industries Ltd. 85-02-08 448,774.50
Medical Examiner Facility, Security Locks			Supply & Services Centre (Pneumatic tube extension)
Chubb Security Locksmiths	84-08-01	781.42	Bate Engineering Ltd. 84-09-13 3,200.00
Northern Alberta Jubilee Auditorium (NAJA), External Cladding Retrofit, Phase I — Stage Area			Transportation Building (Relocate water meter)
Camwil Contracting Ltd.	84-10-11	270,451.02	Ras-Dam Construction Ltd. 84-08-14 36,809.00
NAJA, Improvements to Audio & Lighting Systems, Speaker Cluster			Transportation Building, Demolition & Site Regrading
Eden Construction Ltd.	85-03-21	37,402.82	Noranda Builders Ltd. 84-11-29 477,810.85
NAJA, Improvements To Audio & Lighting Systems, Additional Work To Storage Garage			Treasury Branch (Millwoods), Alterations
Delnor Construction Ltd.	85-02-20	2,735.00	Plumb Construction Ltd. 84-04-27 14,406.00
NAJA, Improvements to Audio & Lighting Systems, Sound Console First Balcony			University Farm Site (Garden plot development)
Eden Construction Ltd.	85-02-26	16,164.65	Land Tec Landscape Contractors Ltd. 84-07-31 46,041.30
NAJA, Miscellaneous Renovations			Westfield Centre, Diagnostic Unit #2, Renovations
Royal Oak Interior Contracting Ltd.	85-01-11	134,476.50	H & S Business Enterprises Ltd. 85-01-09 219,817.01
Perma/Mcleod Building, Security Hardware, Supply & Install			Youth Development Centre, Renovations
Dial Locksmiths Ltd.	84-06-07	16,482.95	Package #2, Players' Boxes
Public Affairs Display Space, Government Centre			Alberco Construction Ltd. 85-02-21 8,860.00
H & S Business Enterprises Ltd.	84-11-02	66,265.23	<b>Edson</b>
Receiving & Detention Centre, Retrofit Work (Door repair)			Fish & Wildlife District Warehousing, Upgrade Existing Warehouse Facilities
Trinity Woodworks & Const. Ltd.	85-02-04	4,081.00	Norwest Steel Buildings Ltd. 85-01-15 14,726.80
			Medicine Lodge Minimum Security Camp (Relocation — Completion)
			C.V.L. Construction Ltd. 84-08-02 59,975.00
			Treasury Branch Alterations
			Delnor Construction Ltd. 84-09-28 145,047.53

<b>Elk Island Park Vicinity</b>					
Ukrainian Cultural Heritage Village (UCHV), Phase IV Interiors, Gift Shop & Staging Area Furniture	84-06-06	35,168.00	Provincial Building, Mechanical Alterations Quantas Plumbing & Heating Ltd.	85-02-28	98,100.00
Tri-P Millwork & Supplies Ltd.					
UCHV, Fire Water Pump			<b>Fort Saskatchewan</b>		
Tower Plumbing & Heating Ltd.	84-05-09	8,917.00	Provincial Court, New Door Installation		
UCHV, Storage Compound, Moving of Non-Historic Buildings			Birchland Builders Ltd	84-11-20	1,060.00
Hardy House Movers	84-06-08	11,800.00			
UCHV, Footings to Existing Buildings (Myrnam Blacksmith Shop)			<b>Grande Cache</b>		
Aljac Construction Ltd.	84-07-30	9,735.00	Contract #7, Correctional Centre, Living Unit, Underslab Plumbing		
UCHV, Electrical Service to Storage Compound			Western Poly Gas Distributors Ltd.	84-06-14	112,110.75
J & J Electric Ltd.	84-07-04	6,900.00	Contract #25, Correctional Centre, Administration Building, Structural Steel		
UCHV, Footings to Existing Buildings (Russo Church Group)			Supreme Steel Ltd.	84-05-03	96,704.00
Zylla Contractors Ltd.	84-07-20	68,418.00	Contract #26, Correctional Centre, Administration Building, Metal Roof Deck		
UCHV, Landscape Development (Seeding of administration area)			AAA Metal Products Ltd.	84-05-03	18,944.00
Cedar Crest Lands Limited	84-08-09	178,385.20	Contract #29, Correctional Centre, Miscellaneous Metal		
UCHV, Grain Elevator — Sprinkler System			Can Craft Iron Ltd.	85-03-25	125,824.09
Tower Plumbing & Heating Ltd.	85-03-20	52,645.00	Contract #30, Correctional Centre, Industrial Area, Interior & Exterior Masonry		
<b>Fort McMurray</b>			Pockar Bros. Masonry (Northern) Ltd.	84-05-17	449,765.78
Minimum Security Correctional Camp, Extension of Utilities & Site Services (Installation of trailers & utilities)			Contract #35, Correctional Centre, Living Units, Slab on Grade		
Carlan Enterprises Ltd.	84-09-06	12,870.00	Stuart Olson Construction Ltd.	84-09-10	283,059.09
Minimum Security Correctional Camp (Blocking, skirting & sidewalks)			Contract #36, Correctional Centre, Central & Industrial Areas, Slabs		
Carlan Enterprises Ltd.	84-11-01	4,615.20	Trend Construction Ltd.	84-07-24	301,477.00
Miscellaneous Demolition Projects (Disposal of abandoned chicken barn)			Contract #37, Correctional Centre, Administration Building, Slab on Grade		
Arrow Demolition International Inc.	85-01-04	3,820.00	Stuart Olson Construction Ltd.	84-07-05	54,585.03

Contract #38, Correctional Centre, Steel Stud & Drywall (All areas)			Contract #65, Correctional Centre, Exterior Piling		
Dynamic Interior Systems Ltd.	85-02-15	436,401.00	Western Caissons Ltd.	84-09-10	74,720.00
Contract #39, Correctional Centre, Administration Building, Interior & Exterior Masonry			Contract #69, Correctional Centre, Security Fences & Grade Beams		
Hagblom Construction (1974) Ltd.	84-10-25	262,440.00	Matt's Manufacturing Limited	85-03-28	591,300.00
Contract #40, Correctional Centre, Administration Building, Steel Studs & Drywall			Contract #77, Correctional Centre, Fire Proofing		
Thiele Drywall (1981) Ltd.	85-01-03	45,681.00	Karavan Industries Co. Ltd.	84-07-25	27,550.00
Contract #41, Correctional Centre, Living Units, Painting			Contract #78, Correctional Centre, Special Wall Coatings		
Multi Industrial Coatings Ltd.	85-02-12	117,107.50	J. Mason & Sons Ltd.	85-03-15	110,650.00
Contract #43, Correctional Centre, Acoustic Ceilings			Contract #83, Correctional Centre, Prefinished Cabinet Work		
C.C.S. Component Ceiling Systems Ltd.	85-01-22	551,987.48	Danish Woodwork (1981) Ltd.	85-02-28	69,156.00
Contract #45, Correctional Centre, Area C, Industrial, Slab on Grade			Fish & Wildlife District Warehousing, Upgrade Facilities		
Stuart Olson Construction Ltd.	84-10-30	138,500.00	Tredwin Construction Ltd.	84-09-27	55,251.82
Contract #49, Correctional Centre, Folding Doors			Correctional Centre, Dust Collecting Systems & Related Equipment		
Division Ten Enterprises Inc.	85-01-11	27,800.00	Mint Systems Ltd.	84-12-31	25,550.00
Contract #51, Correctional Centre, Lockers & Washroom Partitions			Provincial Building (Carpeting of court area)		
Sinex Industries Ltd.	85-03-13	34,360.00	Timberjack Building Supplies	85-02-18	1,886.40
Contract #54, Correctional Centre, Millwork			Provincial Correctional Centre New Facility for 245 Inmates (Off-site services, water main)		
Danish Woodwork (1981) Ltd.	85-03-08	145,964.80	Ras-Dam Construction Ltd.	84-04-03	185,210.25
Contract #55, Correctional Centre, Miscellaneous Millwork			<b>Grande Prairie</b>		
Jasper Millwork Ltd.	85-01-24	32,718.00	Courthouse, Supply & Install New Door, Sidelight & Frame		
Contract #60, Correctional Centre, Access Flooring			HWD Construction Ltd.	84-10-30	1,664.00
Kerr Interior Systems Ltd.	85-03-26	26,772.00	Courthouse, Supply & Install Additional Lighting Fixtures		
			Norlite Electrical Contracting Ltd.	85-01-17	3,124.00

Forest Headquarters, Millwork & Lay-In Ceiling Team West Contractors Ltd.	84-05-01	3,362.00	Gooseberry Travel Alberta Information Centre, Water Treatment Unit MidAlta Electric Ltd.	84-09-24	3,556.50
Renovations to Maintenance Facilities, Exhaust System Modifications Danbrook & Pell and Plumbing	84-04-18	31,100.00	Kananaskis Country Recreation Plan, Fortress Junction Service Centre (Revisions to the entrance island) Procon Developments Ltd.	84-04-30	13,978.50
<b>Hanna</b> Jury Box Platform, Courthouse, Provincial Building Big Country Const. & Bldg. Supplies Ltd.	84-11-20	184.00	Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Waterline to the overflow area) City & Country Industries Ltd.	84-07-06	8,200.00
<b>High Level</b> Alberta Opportunity Corps (Relocate classroom from Calgary to High Level) ATCO Structures	85-03-22	9,225.00	Kananaskis Country Recreation Plan, Regional Utilities, Boulton Creek Water Supply & Distribution, Miscellaneous ASR Electric Ltd.	84-04-03	2,645.00
Minor Renovations, Provincial Building (Site development, parking lot drainage improvements) PSC Holdings Ltd.	84-10-01	5,129.00	Kananaskis Country Recreation Plan, Regional Utilities (Sewage treatment plant & water source) Standard General Construction Limited	84-05-01	8,545.00
<b>High Prairie</b> Contract #3, Youth Assessment Centre, Repairs Because of Slab Settlement, Repair Interior Lavergne Construction Ltd.	84-08-30	244,738.92	Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Miscellaneous landscaping) Michele's Landscaping Ltd.	84-08-10	21,480.00
<b>Hinton</b> Blue Lake Centre (Handicap ramp renovations) Norwest Steel Buildings Ltd.	84-07-26	2,795.00	Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Camper's Centre sign) Abba Signs	84-08-15	679.00
<b>Kananaskis</b> Family Recreation Centre (Deficiency clean-up) Can-Sco (Western) Contractors Ltd.	84-05-08	5,670.00	Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Highway 40 sign) Abba Signs	84-11-22	15,932.00
Gooseberry Travel Alberta Information Centre (Window installation) Dalco Construction Ltd.	84-05-01	1,295.00			

Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Miscellaneous landscaping — Part II)							
Rymark Contracting Ltd.	84-10-08	6,890.00					
Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Miscellaneous painting)							
Acme Commercial Painting Alberta Ltd.	84-11-30	2,394.00					
Kananaskis Country Recreation Plan, Mount Kidd Recreation Vehicle Park (Paving)							
Standard General Construction Ltd.	84-07-10	515,848.06					
Kananaskis Country Recreation Plan, Regional Utilities (Lower Lake Campground)							
Odyssey Engineering Ltd.	84-07-20	59,436.50					
Kananaskis Country Recreation Plan, Fortress Junction Service Centre (Paving)							
Volker Stevin Contracting Ltd.	84-07-10	46,430.00					
Kananaskis Country Recreation Plan, Bicycle Trails — Phase III (Paving)							
Metro Paving Ltd.	84-07-10	199,777.25					
Kananaskis Country Recreation Plan, Regional Utilities (Staff housing — Site work & utilities)							
Whissell Engineering Ltd.	84-11-22	321,436.95					
Mount Kidd Recreation Vehicle Park (Miscellaneous works)							
MidAlta Electric Ltd.	85-03-28	4,748.20					
Seasonal Staff Housing, Elbow Falls (Seven units) Deficiency Clean-up							
RGO Office Products Ltd.	84-05-04	8,302.28					
<b>Lac La Biche</b>							
Minimum Security Correctional Camp (Trailer replacement) (Retender)							
Lake Country Builders Ltd.			85-01-04	24,670.80			
Provincial Building, Holding Facilities Renovations Saval Developments Ltd.			84-04-03	19,525.00			
Renovations to Maintenance Facilities, Replacement of Damaged Hydraulic Hoist							
R.W.K. Construction Co. Ltd.			85-01-15	76,312.19			
<b>Lacombe</b>							
ALCB Store, Repair of Sliding Doors							
Ren-Dex Construction Ltd.			84-11-30	745.00			
Provincial Building, Renovations of ALCB Store to Health Unit (Vestibule addition)							
Griffin Construction Ltd.			85-03-05	15,400.00			
<b>Leduc</b>							
Food Processing Development Centre (Cleanable ceiling contract)							
Thermo Design Insulation Ltd.			84-04-29	35,646.00			
Food Processing Development Centre, Cleanable Ceiling, Process Area Mezzanine							
Thermo Design Contracting			85-03-27	20,093.00			
Food Processing Development Centre, Complete Painting & Mechanical Deficiencies							
Norman Nilsen Construction Ltd.			84-08-20	154,098.00			
Food Processing Development Centre, Wet Processing Room Floor Repairs Desco Coatings Of Alberta Ltd.			85-03-27	23,738.00			

<b>Lethbridge</b>					
Courthouse (Minor alterations)					
Glen Little Construction Ltd.	84-04-13	6,486.00			
Courthouse, Alterations to Lighting					
Parsons Electric (1975) Ltd.	84-06-21	25,279.93			
Courthouse, Plaza Addition					
Cedar Crest Lands Limited	84-09-05	15,616.98			
Disposal of Garage & Two Residences, Lakeside Community Correctional Centre					
Dueck Enterprises Ltd.	84-12-04	1,600.00			
<b>Lloydminster</b>					
Courtroom Alterations, Provincial Building					
Golden Crest Construction Ltd.	85-02-19	8,450.81			
<b>Manning</b>					
Fish & Wildlife District Warehousing, Upgrading					
T.H. Gust Builders Ltd.	85-03-27	11,573.16			
<b>Markerville</b>					
Stephansson House Interpretive Centre, Visitor's Facility (Water supply — Iron filter)					
Bruin's Plumbing Ltd.	84-07-04	9,250.00			
Stephansson House Interpretive Centre, Security Gates					
Parkland Builders	84-11-06	2,520.00			
<b>Mount Allan</b>					
Mount Allan Ski Area Development (Water well construction)					
Camfield Drilling Services Ltd.	84-12-12	40,202.85			
Mount Allan Ski Area Development (Aquifer testing)					
Aqua-Flo Testing & Equipment Ltd.	84-12-12	12,780.00			
Mount Allan Ski Area Development (Mount Allan model)					
Aldrich/Pears Associates Limited	84-10-25	7,075.00			
<b>Mount Allan Ski Area Development, Ski Trail Modifications — Phase I</b>					
Standard General Construction Limited	84-12-04	26,425.00			
<b>Mount Allan Ski Area Development, Ski Lift Terminal Site Preparation</b>					
Kev-Rich Construction Ltd.	84-12-04	20,260.00			
<b>Nakiska Ski Area at Mount Allan (Construction signs)</b>					
Abraxas Sign Servicing Ltd.	84-08-08	4,247.00			
<b>Nakiska Ski Area at Mount Allan (Pipe sleeve under access road)</b>					
Tricat Enterprises Ltd.	84-08-03	11,412.00			
<b>Nakiska Ski Area at Mount Allan, Cross-Country Ski Trails Realignment</b>					
Cedar Crest Lands Limited	85-01-03	45,172.20			
<b>Nakiska Ski Area at Mount Allan (Ski trail modifications — Phase II)</b>					
Samoyed Management Ltd.	85-03-18	20,565.00			
<b>Nakiska Ski Area at Mount Allan, Mountain Road</b>					
W.A. Cook & Sons Ltd.	84-11-07	151,847.50			
<b>Nakiska Ski Area at Mount Allan (Base area — Rough grading)</b>					
Wollersheim Earth Moving Co. Ltd.	84-12-21	353,450.00			
<b>Olympic Alpine Venue Recreation Ski Component</b>					
Standard General Construction Limited	84-05-21	2,200.00			
<b>Nordegg</b>					
Provincial Correctional Camp Trailers (Foundations)					
Western Caissons Limited	85-02-25	19,200.00			
<b>Olds</b>					
Fish & Wildlife District Warehousing, Upgrade Existing Facilities					
4-A Contractors Ltd.	84-07-13	39,690.45			

<b>Oliver</b>					
Miscellaneous Demolition Projects, Disposal of Residence & Barn					
McColman & Sons Demolition Ltd.	84-05-10	11,994.00			
Miscellaneous Demolition Projects, Various, Provincial Poultry & Dairy Farm					
Auson Construction Co. Ltd.	84-10-22	2,485.00			
Provincial Tree Nursery (Gas pumps)					
W.R. Pump Service	84-06-25	24,862.00			
Provincial Tree Nursery, Maintenance Shop (Welding exhaust & maintenance)					
Keller Construction Ltd.	84-05-10	30,439.25			
Provincial Tree Nursery, Washroom Expansion Packing Shed Facility					
Keller Construction Ltd.	84-12-11	22,527.45			
<b>Oyen</b>					
Travel Information Centre, Wing Wall Signage & Floodlighting					
Behrends Bronze Ltd.	84-05-29	10,241.00			
<b>Peace River</b>					
Forest Headquarters (Fencing & gate relocation)					
Lavergne Construction Ltd.	85-02-05	8,713.00			
<b>Ponoka</b>					
Fish & Wildlife District Warehousing, Upgrade Warehouse Facilities					
Van Veen Construction Ltd.	85-02-04	47,616.10			
<b>Rainbow Lake</b>					
Maintenance & Repair Depot, 4-Stall Garage (Deficiency clean-up)					
Noranda Builders Ltd.	84-05-24	110,076.05			
<b>Red Deer</b>					
Courthouse (Landscape development)					
Getaway Landscaping Ltd.	84-07-06	39,440.45			
Michener Centre, Electrical System Upgrading					
Timcon Construction Ltd.			84-12-05	496,252.60	
Miscellaneous Demolition Projects, Michener Centre (Disposal of 7 Buildings)					
Arrow Demolition International Inc.			84-04-04	44,524.00	
<b>Rimbey</b>					
Maintenance & Repair Depot, 4-Stall Garage (Deficiency clean-up)					
Van Hoek Construction Ltd.			84-06-08	985.00	
<b>Rocky Mountain House</b>					
Alberta Opportunity Corps (Relocate classroom from Calgary to Rocky Mountain House)					
York Shaw Building Movers Ltd.			85-03-07	11,200.00	
Alberta Opportunity Corps (Site services for classrooms)					
Bee & Bee Plumbing & Heating (1979) Ltd.			85-03-29	4,117.00	
Forestry Headquarters, Surface Drainage					
Graham & Hansen Enterprises Ltd.			84-10-15	24,628.00	
Provincial Building, Tenant Improvements					
The Partition Contractors			84-10-13	393,760.03	
<b>Sentinel</b>					
Travel Alberta Information Centre, Official Opening Clean-up					
Getkate Construction (1976) Ltd.			84-06-01	36,191.84	
<b>St. Albert</b>					
ALCB Central Offices, Computer Room					
System Cooling					
Gateway Refrigeration Ltd.			85-01-10	45,390.00	
Poundmaker Lodge & Nechi Training School (Landscape development)					
Ron's Landscaping Ltd.			84-11-05	46,902.40	

Poundmaker Lodge & Nechi Training School (Irrigation system)			Miscellaneous Demolition Project (Provincial Building, Stettler) Disposal of Residences		
Foxcroft Irrigations	84-07-05	19,771.87	Border Paving Ltd.	84-11-06	42,950.00
Provincial Building (Off-site catch basin lead)			Portable Classroom Facilities (Renovate & relocate portable from Calgary to Camrose)		
CVL Construction Ltd.	84-10-02	8,538.00	Big Island Construction Ltd.	85-01-07	26,740.00
<b>St. Paul</b>			Portable Classroom Facilities (Site services, Sifton School, Camrose)		
Fish & Wildlife District, Fuel Shed			Burmac Plumbing & Heating Ltd.	85-01-07	6,195.00
Adray Construction Ltd.	84-06-08	18,900.00	Portable Classroom Facilities (Renovate & relocate portable from Didsbury to Calgary)		
<b>Stony Plain</b>			Big Island Construction Ltd.	84-08-03	15,800.00
Provincial Courthouse, Alterations of Courtroom Mechanical Systems			Portable Classroom Facilities (Renovate & relocate portable from Airdrie to Westbrook School, M.D. of Rocky View)		
Crosstown Heating & Ventilating Ltd.	84-09-28	17,962.00	Big Island Construction Ltd.	84-08-29	21,800.00
<b>Strathmore</b>			Portable Classroom Facilities (Renovate & relocate portable from Spruce Grove to Paradise Valley)		
Southern Alberta Youth Development Centre, Renovations			ATCO Structures	84-08-15	18,798.00
Mirtren Contractors Ltd.	84-08-31	72,891.49	Portable Classroom Facilities (Site services, Chris Akkerman School, Calgary)		
<b>Sundre</b>			Cal Air Mechanical	84-08-03	4,505.00
Courthouse Addition			Portable Classroom Facilities (Site services, E.H. Walter School, Paradise Valley)		
Shipperly Builders Ltd.	85-02-13	18,326.48	P & H Mechanical Ltd.	84-08-15	6,795.00
<b>Trochu</b>			Portable Classroom Facilities (Site services, Strathcona Christian Academy, County of Strathcona)		
ALCB Store			Ray Sylvester Enterprises	84-10-05	8,796.00
LinAlta Contractors	85-02-25	273,474.53			
<b>Valleyview</b>					
Fish & Wildlife District Warehousing (Deficiency clean-up)					
Lavergne Construction Ltd.	84-10-24	3,393.00			
<b>Vancouver</b>					
Alberta Pavilion, Expo 86 (Foundations)					
Farmer Construction Ltd.	85-03-28	138,623.28			
<b>Various Locations</b>					
Portable Classroom Facilities (Carstairs, Cochrane, Sherwood Park)					
Kainai Industries Ltd.	84-11-14	217,165.32			
Government Buildings, Forestry Yard, Peace River (Water supply line replacement)					
A & G Enterprises Ltd.	84-11-07	91,350.00			

Portable Classroom Facilities (Site services, Byemoor School, Byemoor)			Renovations To Maintenance Facilities (Transportation Yards: Beiseker, Black Diamond, Canmore, Chestermere, Elbow Falls)		
Action Plumbing & Heating Ltd.	84-09-11	6,866.00	Big Island Construction Ltd.	85-03-05	12,239.00
Portable Classroom Facilities (Site services, Coaldale Christian Academy, Coaldale)			Site Development Improvements at Various Locations (Water service)		
Triple J Contracting	84-10-02	7,890.00	Sonmor Excavating Ltd.	84-05-07	3,900.00
Portable Classroom Facilities (Site services, Hugh Sutherland School, Carstairs)			Site Development Improvements at Various Locations (Transportation Yard, Valleyview)		
Cal Air Mechanical	84-09-07	6,460.00	Phillip's Landscaping & Bobcat Service	84-09-28	25,894.89
Portable Classroom Facilities (Site services, Millgrove School, Spruce Grove)			Site Development (Transportation Yard, Gleichen) (Concrete fuel pump island)		
Ray Sylvester Enterprises	84-11-02	11,775.00	ASTY Concrete & Construction Ltd.	84-10-22	7,061.84
Portable Classroom Facilities (Renovate, relocate & service portable — Cessford)			Site Development (Transportation Yard, Morinville) (Chain link fencing)		
Big Island Construction Ltd.	84-11-28	23,424.00	Custom Fence	84-11-08	4,561.05
Portable Classroom Facilities (Renovate & relocate portable from Calgary to Onoway)			Site Development (Transportation Yard, Czar) (Sanitary sewer)		
Big Island Construction Ltd.	84-12-18	51,479.00	T. Gabert & Son Construction Ltd.	84-11-09	32,927.06
Portable Classroom Facilities (Site services, Onoway Elementary School, Onoway)			<b>Vegreville</b>		
C.V.L. Construction Ltd.	84-12-21	5,890.00	Alberta Environmental Centre, Total Systems Balancing		
Portable Classroom Facilities (Site services, Westbrook School, M.D. of Rocky View)			Thermo Mechanical Services Ltd.	85-02-18	19,275.00
Sonmor Excavating Ltd.	84-08-29	9,992.00	Alberta Environmental Centre, Laboratory Development 1984, D Wing 2nd Floor Computer Centre Binder Construction Ltd.	84-11-09	148,979.45
Renovations to Maintenance Facilities (Transportation Yard, Rainbow Lake) (Modifications to salt pipes)			Courthouse Renovations		
Northern Services (High Level)(1978) Ltd	85-01-30	2,965.00	Watson Tofield (1973) Ltd.	84-08-20	37,985.24

Regional Waterline  
Reclamation Work  
(NW $\frac{1}{4}$  Sec.  
19-53-16-W4)  
Steve's Landscape  
Service Ltd. 84-10-04 12,775.00

**Vermilion**  
Courtroom Alterations,  
Provincial Building  
MacFarlane  
Construction Ltd. 84-07-19 4,135.00

**Wetaskiwin**  
Courthouse, Lighting  
Renovations  
Derryl Toews  
Construction Ltd. 84-10-05 17,499.00  
Reynolds Alberta  
Museum (Access road)  
G. W. Greenwall  
Construction Ltd. 84-07-16 8,435.00

**Whitecourt**  
Treasury Branch,  
Electrical Deficiencies  
Pritchard Electric Ltd. 84-04-09 343.00  
Treasury Branch,  
Renovations  
(Deficiency clean-up)  
Castle Interiors Ltd. 84-08-27 650.00

A total of 273 projects were accepted in the  
1984-85 fiscal year with a total dollar value of  
\$36,238,151.36.



